

# Calendar No. 165

115TH CONGRESS  
1ST SESSION

# S. 1519

[Report No. 115–125]

To authorize appropriations for fiscal year 2018 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.

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IN THE SENATE OF THE UNITED STATES

JULY 10, 2017

Mr. MCCAIN, from the Committee on Armed Services, reported the following original bill; which was read twice and placed on the calendar

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## A BILL

To authorize appropriations for fiscal year 2018 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “National Defense Au-  
5 thorization Act for Fiscal Year 2018”.

1 **SEC. 2. ORGANIZATION OF ACT INTO DIVISIONS; TABLE OF**  
 2 **CONTENTS.**

3 (a) DIVISIONS.—This Act is organized into four divi-  
 4 sions as follows:

5 (1) Division A—Department of Defense Au-  
 6 thorizations.

7 (2) Division B—Military Construction Author-  
 8 izations.

9 (3) Division C—Department of Energy Na-  
 10 tional Security Authorizations and Other Authoriza-  
 11 tions.

12 (4) Division D—Funding Tables.

13 (b) TABLE OF CONTENTS.—The table of contents for  
 14 this Act is as follows:

- Sec. 1. Short title.
- Sec. 2. Organization of Act into divisions; table of contents.
- Sec. 3. Congressional defense committees.
- Sec. 4. Budgetary effects of this Act.

DIVISION A—DEPARTMENT OF DEFENSE AUTHORIZATIONS

TITLE I—PROCUREMENT

Subtitle A—Authorization of Appropriations

Sec. 101. Authorization of appropriations.

Subtitle B—Army Programs

Sec. 111. Transfer of excess High Mobility Multipurpose Wheeled Vehicles to foreign countries.

Sec. 112. Limitation on availability of funds for Army Air-Land Mobile Tactical Communications and Data Network, including Warfighter Information Network-Tactical (WIN-T).

Subtitle C—Navy Programs

Sec. 121. Multiyear procurement authority for Virginia class submarine program.

Sec. 122. Arleigh Burke class destroyers.

Sec. 123. Multiyear procurement authority for V-22 joint aircraft program.

- Sec. 124. Design and construction of amphibious ship replacement designated LX(R) or amphibious transport dock designated LPD-30.
- Sec. 125. Modification of cost limitation baseline for CVN-78 class aircraft carrier program.
- Sec. 126. Extension of limitation on use of sole-source shipbuilding contracts for certain vessels.

#### Subtitle D—Air Force Programs

- Sec. 131. Inventory requirement for Air Force fighter aircraft.
- Sec. 132. Comptroller General review of total force integration initiatives for reserve component rescue squadrons.

#### Subtitle E—Defense-wide, Joint, and Multiservice Matters

- Sec. 141. F-35 economic order quantity contracting authority.
- Sec. 142. Authority for Explosive Ordnance Disposal units to acquire new or emerging technologies and capabilities.

### TITLE II—RESEARCH, DEVELOPMENT, TEST, AND EVALUATION

#### Subtitle A—Authorization of Appropriations

- Sec. 201. Authorization of appropriations.

#### Subtitle B—Program Requirements, Restrictions, and Limitations

- Sec. 211. Mechanisms for expedited access to technical talent and expertise at academic institutions to support Department of Defense missions.
- Sec. 212. Codification and enhancement of authorities to provide funds for defense laboratories for research and development of technologies for military missions.
- Sec. 213. Modification of laboratory quality enhancement program.
- Sec. 214. Prizes for advanced technology achievements.
- Sec. 215. Expansion of definition of competitive procedures to include competitive selection for award of research and development proposals.
- Sec. 216. Inclusion of modeling and simulation in test and evaluation activities for purposes of planning and budget certification.
- Sec. 217. Differentiation of research and development activities from service activities.
- Sec. 218. Designation of additional Department of Defense science and technology reinvention laboratories.
- Sec. 219. Department of Defense directed energy weapon system prototyping and demonstration program.
- Sec. 220. Authority for the Under Secretary of Defense for Research and Engineering to promote innovation in the Department of Defense.
- Sec. 221. Limitation on availability of funds for F-35 Joint Strike Fighter Follow-On Modernization.
- Sec. 222. Improvement of update process for populating mission data files used in advanced combat aircraft.

#### Subtitle C—Reports and Other Matters

- Sec. 231. Competitive acquisition plan for low probability of detection data link networks.

- Sec. 232. Clarification of selection dates for pilot program for the enhancement of the research, development, test, and evaluation centers of the Department of Defense.
- Sec. 233. Requirement for a plan to build a prototype for a new ground combat vehicle for the Army.
- Sec. 234. Plan for successfully fielding the Integrated Air and Missile Defense Battle Command System.
- Sec. 235. Sense of Congress on hypersonic weapons.

### TITLE III—OPERATION AND MAINTENANCE

#### Subtitle A—Authorization of Appropriations

- Sec. 301. Authorization of appropriations.

#### Subtitle B—Logistics and Sustainment

- Sec. 311. Sentinel Landscapes Partnership.
- Sec. 312. Increased percentage of sustainment funds authorized for realignment to restoration and modernization at each installation.

#### Subtitle C—Reports

- Sec. 321. Plan for modernized, dedicated Department of the Navy adversary air training enterprise.

#### Subtitle D—Other Matters

- Sec. 331. Defense Siting Clearinghouse.
- Sec. 332. Temporary installation reutilization authority for arsenals, depots, and plants.
- Sec. 333. Pilot program for operation and maintenance budget presentation.
- Sec. 334. Servicewomen's commemorative partnerships.
- Sec. 335. Authority for agreements to reimburse States for costs of suppressing wildfires on State lands caused by Department of Defense activities under leases and other grants of access to State lands.
- Sec. 336. Repurposing and reuse of surplus Army firearms.
- Sec. 337. Department of the Navy marksmanship awards.

#### Subtitle E—Energy and Environment

- Sec. 341. Authority to carry out environmental restoration activities at National Guard and Reserve locations.
- Sec. 342. Special considerations for energy performance goals.
- Sec. 343. Centers for Disease Control study on health implications of per- and polyfluoroalkyl substances contamination in drinking water.
- Sec. 344. Environmental oversight and remediation at Red Hill Bulk Fuel Storage Facility.

### TITLE IV—MILITARY PERSONNEL AUTHORIZATIONS

#### Subtitle A—Active Forces

- Sec. 401. End strengths for active forces.

#### Subtitle B—Reserve Forces

- Sec. 411. End strengths for Selected Reserve.
- Sec. 412. End strengths for Reserves on active duty in support of the reserves.

- Sec. 413. End strengths for military technicians (dual status).
- Sec. 414. Fiscal year 2018 limitation on number of non-dual status technicians.
- Sec. 415. Maximum number of reserve personnel authorized to be on active duty for operational support.
- Sec. 416. Number of members of the National Guard on full-time duty in support of the reserves within the National Guard Bureau.

Subtitle C—Authorization of Appropriations

- Sec. 421. Military personnel.

TITLE V—MILITARY PERSONNEL POLICY

Subtitle A—Officer Personnel Policy

- Sec. 501. Clarification of baselines for authorized numbers of general and flag officers on active duty and in joint duty assignments.
- Sec. 502. Authority of promotion boards to recommend officers of particular merit be placed at the top of the promotion list.
- Sec. 503. Clarification to exception for removal of officers from list of officers recommended for promotion after 18 months without appointment.
- Sec. 504. Flexibility in promotion of officers to positions of Staff Judge Advocate to the Commandant of the Marine Corps and Deputy Judge Advocate General of the Navy.
- Sec. 505. Repeal of requirement for specification of number of officers who may be recommended for early retirement by a Selective Early Retirement Board.
- Sec. 506. Extension of service-in-grade waiver authority for voluntary retirement of certain general and flag officers for purposes of enhanced flexibility in officer personnel management.
- Sec. 507. Inclusion of Principal Military Deputy to the Assistant Secretary of the Army for Acquisition, Technology, and Logistics among officers subject to repeal of statutory specification of general officer grade.
- Sec. 508. Clarification of effect of repeal of statutory specification of general or flag officer grade for various positions in the Armed Forces.
- Sec. 509. Grandfathering of retired grade of Assistant Judge Advocates General of the Navy as of repeal of statutory specification of general and flag officers grades in the Armed Forces.
- Sec. 510. Service credit for cyberspace experience or advanced education upon original appointment as a commissioned officer.
- Sec. 510A. Authority for officers to opt-out of promotion board consideration.
- Sec. 510B. Reauthorization of authority to order retired members to active duty in high-demand, low-density assignments.

Subtitle B—Reserve Component Management

- Sec. 511. Consolidation of authorities to order members of the reserve components of the Armed Forces to perform duty.
- Sec. 512. Establishment of Office of Complex Investigations within the National Guard Bureau.

Subtitle C—General Service Authorities

- Sec. 516. Report on policies for regular and reserve officer career management.

- Sec. 517. Responsibility of Chiefs of Staff of the Armed Forces for standards and qualifications for military specialties within the Armed Forces.
- Sec. 518. Confidential review of characterization of terms of discharge of members of the Armed Forces who are survivors of sexual assault.
- Sec. 519. Improvements to certain authorities and procedures of discharge review boards.
- Sec. 520. Public availability of information related to disposition of claims regarding discharge or release of members of the Armed Forces when the claims involve sexual assault.

#### Subtitle D—Military Justice Matters

- Sec. 521. Revision to Manual for Courts-Martial with respect to dissemination of visual depictions of private areas or sexually explicit conduct without the consent of the person depicted.
- Sec. 522. Technical and conforming amendments in connection with reform of the Uniform Code of Military Justice.
- Sec. 523. Priority of review by Court of Appeals for the Armed Forces of decisions of Courts of Criminal Appeals on petitions for enforcement of victims' rights.
- Sec. 524. Assistance of defense counsel in additional post-trial matters for accused convicted by court-martial.
- Sec. 525. Enumeration of additional limitations on acceptance of plea agreements by military judges of general or special courts-martial.
- Sec. 526. Additional proceedings by Courts of Criminal Appeals by order of United States Court of Appeals for the Armed Forces.
- Sec. 527. Clarification of applicability and effective dates for statute of limitations amendments in connection with Uniform Code of Military Justice Reform.
- Sec. 528. Modification of year of initial review by Military Justice Review Panel of Uniform Code of Military Justice reform amendments.
- Sec. 529. Clarification of applicability of certain provisions of law to civilian judges of the United States Court of Military Commission Review.
- Sec. 530. Enhancement of effective prosecution and defense in courts-martial and related matters.
- Sec. 531. Court of Appeals for the Armed Forces jurisdiction to review interlocutory appeals of decisions on certain petitions for writs of mandamus.
- Sec. 532. Punitive article on wrongful broadcast or distribution of intimate visual images or visual images of sexually explicit conduct under the Uniform Code of Military Justice.

#### Subtitle E—Member Education, Training, Transition, and Resilience

- Sec. 541. Ready, Relevant Learning initiative of the Navy.
- Sec. 542. Element in preseparation counseling for members of the Armed Forces on assistance and support services for caregivers of certain veterans through the Department of Veterans Affairs.
- Sec. 543. Discharge in the Selected Reserve of the commissioned service obligation of military service academy graduates who participate in professional athletics.
- Sec. 544. Pilot programs on appointment in the excepted service in the Department of Defense of physically disqualified former cadets and midshipmen.

- Sec. 545. Limitation on availability of funds for attendance of Air Force enlisted personnel at Air Force officer professional military education in-residence courses.
- Sec. 546. Pilot program on integration of Department of Defense and non-Federal efforts for civilian employment of members of the Armed Forces following transition from active duty to civilian life.
- Sec. 547. Two-year extension of suicide prevention and resilience program for the National Guard and Reserves.
- Sec. 548. Sexual assault prevention and response training for all individuals enlisted in the Armed Forces under a delayed entry program.
- Sec. 549. Use of assistance under Department of Defense Tuition Assistance Program for non-traditional education to develop cybersecurity and computer coding skills.

Subtitle F—Defense Dependents’ Education and Military Family Readiness Matters

PART I—DEFENSE DEPENDENTS’ EDUCATION MATTERS

- Sec. 551. Impact aid for children with severe disabilities.
- Sec. 552. Continuation of authority to assist local educational agencies that benefit dependents of members of the Armed Forces and Department of Defense civilian employees.
- Sec. 553. One-year extension of authorities relating to the transition and support of military dependent students to local educational agencies.

PART II—MILITARY FAMILY READINESS MATTERS

- Sec. 556. Housing treatment for certain members of the Armed Forces, and their spouses and other dependents, undergoing a permanent change of station within the United States.
- Sec. 557. Direct hire authority for Department of Defense for childcare services providers for Department child development centers.
- Sec. 558. Report on expanding and contracting for childcare services of the Department of Defense.
- Sec. 559. Report on review of General Schedule pay grades of childcare services providers of the Department of Defense.
- Sec. 560. Pilot program on public-private partnerships for telework facilities on military installations outside the United States.
- Sec. 561. Report on mechanisms to facilitate the obtaining by military spouses of professional licenses or credentials in other States.
- Sec. 562. Additional military childcare matters.

Subtitle G—Decorations and Awards

- Sec. 571. Authority of Secretary of the Army to award the Personnel Protection Equipment award of the Army to former members of the Army.
- Sec. 572. Authorization for award of Distinguished Service Cross to Specialist Frank M. Crary for acts of valor in Vietnam.

Subtitle H—Other Matters

- Sec. 581. Modification of submittal date of Comptroller General of the United States report on integrity of the Department of Defense whistleblower program.

Sec. 582. Report to Congress on accompanied and unaccompanied tours of duty in remote locations with high family support costs.

## TITLE VI—COMPENSATION AND OTHER PERSONNEL BENEFITS

### Subtitle A—Pay and Allowances

- Sec. 601. Fiscal year 2018 increase in military basic pay.  
 Sec. 602. Extension of authority to provide temporary increase in rates of basic allowance for housing under certain circumstances.  
 Sec. 603. Adjustment to basic allowance for housing at with dependents rate of certain members of the uniformed services.  
 Sec. 604. Modification of authority of President to determine alternative pay adjustment in annual basic pay of members of the uniformed services.

### Subtitle B—Bonuses and Special and Incentive Pays

- Sec. 611. One-year extension of certain bonus and special pay authorities for reserve forces.  
 Sec. 612. One-year extension of certain bonus and special pay authorities for health care professionals.  
 Sec. 613. One-year extension of special pay and bonus authorities for nuclear officers.  
 Sec. 614. One-year extension of authorities relating to title 37 consolidated special pay, incentive pay, and bonus authorities.  
 Sec. 615. One-year extension of authorities relating to payment of other title 37 bonuses and special pays.  
 Sec. 616. Aviation bonus matters.  
 Sec. 617. Special aviation incentive pay and bonus authorities for enlisted members who pilot remotely piloted aircraft.  
 Sec. 618. Technical and conforming amendments relating to 2008 consolidation of special pay authorities.

### Subtitle C—Disability Pay, Retired Pay, and Survivor Benefits

#### PART I—AMENDMENTS IN CONNECTION WITH RETIRED PAY REFORM

- Sec. 631. Adjustments to Survivor Benefit Plan for members electing lump sum payments of retired pay under the modernized retirement system for members of the uniformed services.  
 Sec. 632. Technical correction regarding election to participate in modernized retirement system for reserve component members experiencing a break in service.

#### PART II—OTHER MATTERS

- Sec. 636. Authority for the Secretaries of the military departments to provide for care of remains of those who die on active duty and are interred in a foreign cemetery.  
 Sec. 637. Technical corrections to use of member's current pay grade and years of service in a division of property involving disposable retired pay.  
 Sec. 638. Permanent extension and cost-of-living adjustments of special survivor indemnity allowances under the Survivor Benefit Plan.

### Subtitle D—Other Matters

- Sec. 651. Construction of domestic source requirement for footwear furnished to enlisted members of the Armed Forces on initial entry into the Armed Forces.
- Sec. 652. Inclusion of Department of Agriculture in Transition Assistance Program.
- Sec. 653. Review and update of regulations governing debt collectors interactions with unit commanders.

## TITLE VII—HEALTH CARE PROVISIONS

### Subtitle A—TRICARE and Other Health Care Benefits

- Sec. 701. TRICARE Advantage demonstration program.
- Sec. 702. Continued access to medical care at facilities of the uniformed services for certain members of the reserve components.
- Sec. 703. Modification of eligibility for TRICARE Reserve Select and TRICARE Retired Reserve of certain members of the reserve components.
- Sec. 704. Expedited evaluation and treatment for prenatal surgery under the TRICARE program.
- Sec. 705. Specification that individuals under the age of 21 are eligible for hospice care services under the TRICARE program.
- Sec. 706. Modifications of cost-sharing requirements for the TRICARE Pharmacy Benefits Program and treatment of certain pharmaceutical agents.
- Sec. 707. Consolidation of cost-sharing requirements under TRICARE Select and TRICARE Prime.
- Sec. 708. TRICARE technical amendments.
- Sec. 709. Contraception coverage parity under the TRICARE program.

### Subtitle B—Health Care Administration

- Sec. 721. Modification of priority for evaluation and treatment of individuals at military treatment facilities.
- Sec. 722. Selection of directors of military treatment facilities and tours of duty of such directors.
- Sec. 723. Clarification of administration of military medical treatment facilities.
- Sec. 724. Modification of execution of TRICARE contracting responsibilities.
- Sec. 725. Pilot program on establishment of integrated health care delivery systems.

### Subtitle C—Reports and Other Matters

- Sec. 731. Extension of authority for Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund.
- Sec. 732. Additional emergency uses for medical products to reduce deaths and severity of injuries caused by agents of war.
- Sec. 733. Prohibition on conduct of certain medical research and development projects.
- Sec. 734. Modification of determination of average wait times at urgent care clinics and pharmacies at military medical treatment facilities under pilot program.
- Sec. 735. Report on plan to improve pediatric care and related services for children of members of the Armed Forces.
- Sec. 736. Inclusion of gambling disorder in health assessments and related research efforts of the Department of Defense.

TITLE VIII—ACQUISITION POLICY, ACQUISITION MANAGEMENT,  
AND RELATED MATTERS

Subtitle A—Acquisition Policy and Management

- Sec. 801. Repeal of temporary suspension of public-private competitions for conversion of Department of Defense functions to performance by contractors.
- Sec. 802. Technical and conforming amendments related to program management provisions.
- Sec. 803. Should-cost management.
- Sec. 804. Clarification of purpose of Defense acquisition.
- Sec. 805. Defense policy advisory committee on technology.
- Sec. 806. Report on extension of development, acquisition, and sustainment authorities of the military departments to the United States Special Operations Command.

Subtitle B—Amendments to General Contracting Authorities, Procedures, and Limitations

- Sec. 811. Waiver authority for purposes of expanding competition.
- Sec. 812. Increased simplified acquisition threshold applicable to Department of Defense procurements.
- Sec. 813. Increased threshold for cost or pricing data and truth in negotiations requirements.
- Sec. 814. Contract authority for advanced development of initial or additional prototype units.
- Sec. 815. Treatment of independent research and development costs on certain contracts.
- Sec. 816. Non-traditional contractor definition.
- Sec. 817. Repeal of domestic source restriction related to wearable electronics.
- Sec. 818. Use of outcome-based and performance-based requirements for services contracts.
- Sec. 819. Pilot program for longer term multiyear service contracts.
- Sec. 820. Identification of commercial services.
- Sec. 821. Government Accountability Office bid protest reforms.
- Sec. 822. Enhanced post-award debriefing rights.
- Sec. 823. Limitation on unilateral definitization.
- Sec. 824. Restriction on use of reverse auctions and lowest price technically acceptable contracting methods for safety equipment.
- Sec. 825. Use of lowest price technically acceptable source selection process.
- Sec. 826. Middle tier of acquisition for rapid prototype and rapid fielding.
- Sec. 827. Elimination of cost underruns as factor in calculation of penalties for cost overruns.
- Sec. 828. Contract closeout authority.
- Sec. 829. Service contracts of the Department of Defense.
- Sec. 830. Department of Defense contractor workplace safety and accountability.
- Sec. 831. Department of Defense promotion of contractor compliance with existing law.

Subtitle C—Provisions Relating to Major Defense Acquisition Programs

- Sec. 835. Revisions to definition of major defense acquisition program.
- Sec. 836. Prohibition on use of lowest price technically acceptable source selection process for major defense acquisition programs.

Subtitle D—Provisions Related to Acquisition Workforce

- Sec. 841. Training in commercial items procurement.
- Sec. 842. Modification of definition of acquisition workforce to include personnel engaged in the acquisition or development of cybersecurity systems.
- Sec. 843. Training and support for programs pursuing agile acquisition methods.
- Sec. 844. Credits to Department of Defense Acquisition Workforce Development Fund.

Subtitle E—Provisions Related to Commercial Items

- Sec. 851. Modification to definition of commercial items.
- Sec. 852. Revision to definition of commercial item.
- Sec. 853. Commercial item determinations.
- Sec. 854. Preference for acquisition of commercial items.
- Sec. 855. Inapplicable laws and regulations.

Subtitle F—Industrial Base Matters

- Sec. 861. Review regarding applicability of foreign ownership, control, or influence requirements of National Security Industrial Program to national technology and industrial base companies.
- Sec. 862. Pilot program on strengthening manufacturing in defense industrial base.
- Sec. 863. Sunset of certain provisions relating to the industrial base.

Subtitle G—International Contracting Matters

- Sec. 865. Procurement exception relating to agreements with foreign governments.
- Sec. 866. Applicability of cost and pricing data certification requirements.
- Sec. 867. Enhancing program licensing.

Subtitle H—Other Transactions

- Sec. 871. Other transaction authority.
- Sec. 872. Education and training for transactions other than contracts and grants.
- Sec. 873. Preference for use of other transactions and experimental authority.
- Sec. 874. Methods for entering into research agreements.

Subtitle I—Development and Acquisition of Software Intensive and Digital Products and Services

- Sec. 881. Rights in technical data.
- Sec. 882. Defense Innovation Board analysis of software acquisition regulations.
- Sec. 883. Pilot to tailor software-intensive major programs to use agile methods.
- Sec. 884. Review and realignment of defense business systems to emphasize agile methods.
- Sec. 885. Software development pilot using agile best practices.
- Sec. 886. Use of open source software.

Subtitle J—Other Matters

- Sec. 891. Improved transparency and oversight over Department of Defense research, development, test, and evaluation efforts and procurement activities related to medical research.
- Sec. 892. Rights in technical data related to medical research.
- Sec. 893. Oversight, audit, and certification from the Defense Contract Audit Agency for procurement activities related to medical research.
- Sec. 894. Requirements for Defense Contract Audit Agency report.
- Sec. 895. Prototype projects to digitize defense acquisition regulations, policies, and guidance, and empower user tailoring of acquisition process.
- Sec. 896. Pilot program for adoption of acquisition strategy for Defense Base Act insurance.
- Sec. 897. Phase III awards.
- Sec. 898. Pilot program for streamlined technology transition from the SBIR and STTR programs of the Department of Defense.
- Sec. 899. Annual report on limitation of subcontractor intellectual property rights.
- Sec. 899A. Extension from 20 to 30 years of maximum total period for Department of Defense contracts for storage, handling, or distribution of liquid fuels and natural gas.
- Sec. 899B. Exception for Department of Defense contracts from requirement that business operations conducted under government contracts accept and dispense \$1 coins.
- Sec. 899C. Investing in rural small businesses.

## TITLE IX—DEPARTMENT OF DEFENSE ORGANIZATION AND MANAGEMENT

### Subtitle A—Office of the Secretary of Defense and Related Matters

- Sec. 901. Chief Management Officer of the Department of Defense.
- Sec. 902. Realignment of responsibilities, duties, and powers of Chief Information Officer of the Department of Defense.
- Sec. 903. Clarification of authority of Under Secretary of Defense for Acquisition and Sustainment with respect to service acquisition programs for which the service acquisition executive is the milestone decision authority.
- Sec. 904. Executive Schedule matters relating to Under Secretary of Defense for Acquisition and Sustainment.
- Sec. 905. Technical amendment.
- Sec. 906. Redesignation of Under Secretary of Defense for Personnel and Readiness as Under Secretary of Defense for Personnel and Health.
- Sec. 907. Qualifications for appointment and additional duties and powers of certain officials within the Office of the Under Secretary of Defense (Comptroller).
- Sec. 908. Five-year period of relief from active duty as a commissioned officer of a regular component of the Armed Forces for appointment to Under Secretary of Defense positions.
- Sec. 909. Redesignation of Principal Deputy Under Secretaries of Defense as Deputy Under Secretaries of Defense and related matters.
- Sec. 910. Reduction of number and elimination of specific designations of Assistant Secretaries of Defense.
- Sec. 911. Limitation on maximum number of Deputy Assistant Secretaries of Defense.

Sec. 912. Modification of definition of OSD personnel for purposes of limitation on number of Office of Secretary of Defense personnel.

Subtitle B—Organization of Other Department of Defense Offices and Elements

Sec. 921. Reduction in authorized number of Assistant Secretaries of the military departments.

Sec. 922. Qualifications for appointment of Assistant Secretaries of the military departments for financial management.

Subtitle C—Organization and Management of the Department of Defense Generally

Sec. 931. Reduction in limitation on number of Department of Defense SES positions.

Sec. 932. Manner of carrying out reductions in major Department of Defense headquarters activities.

Sec. 933. Certifications on cost savings achieved by reductions in major Department of Defense headquarters activities.

Sec. 934. Direct hire authority for the Department of Defense for personnel to assist in business transformation and management innovation.

Sec. 935. Data analytics capability for support of enhanced oversight and management of the Defense Agencies and Department of Defense Field Activities.

Sec. 936. Enhanced use of data analytics to improve acquisition program outcomes.

Sec. 937. Pilot programs on data integration strategies for the Department of Defense.

Sec. 938. Background and security investigations for Department of Defense personnel.

Subtitle D—Other Matters

Sec. 951. Transfer of lead of Guam Oversight Council from the Deputy Secretary of Defense to the Secretary of the Navy.

Sec. 952. Corrosion control and prevention executives matters.

TITLE X—GENERAL PROVISIONS

Subtitle A—Financial Matters

Sec. 1001. General transfer authority.

Sec. 1002. Calculations for payments into Department of Defense Military Retirement Fund using single level percentage of basic pay determined on Armed Force-wide rather than Armed Forces-wide basis.

Sec. 1003. Certifications on audit readiness of the Department of Defense and the military departments, Defense Agencies, and other organizations and elements of the Department of Defense.

Sec. 1004. Failure to obtain audit opinion on fiscal year full financial statements of the Department of Defense.

Sec. 1005. Improper payment matters.

Sec. 1006. Financial operations dashboard for the Department of Defense.

Sec. 1007. Comptroller General of the United States recommendations on audit capabilities and infrastructure and related matters.

Subtitle B—Counterdrug Activities

- Sec. 1011. Extension and modification of authority to support a unified counterdrug and counterterrorism campaign in Colombia.

Subtitle C—Naval Vessels and Shipyards

- Sec. 1016. Policy of the United States on minimum number of battle force ships.
- Sec. 1017. Operational readiness of Littoral Combat Ships on extended deployment.
- Sec. 1018. Authority to purchase used vessels to recapitalize the Ready Reserve Force and the Military Sealift Command surge fleet.
- Sec. 1019. Surveying ships.
- Sec. 1020. Pilot program on funding for national defense sealift vessels.

Subtitle D—Counterterrorism

- Sec. 1031. Extension of prohibition on use of funds for transfer or release of individuals detained at United States Naval Station, Guantanamo Bay, Cuba, to the United States.
- Sec. 1032. Extension of prohibition on use of funds to construct or modify facilities in the United States to house detainees transferred from United States Naval Station, Guantanamo Bay, Cuba.
- Sec. 1033. Extension of prohibition on use of funds for transfer or release to certain countries of individuals detained at United States Naval Station, Guantanamo Bay, Cuba.
- Sec. 1034. Extension of prohibition on use of funds for realignment of forces at or closure of United States Naval Station, Guantanamo Bay, Cuba.
- Sec. 1035. Authority to transfer individuals detained at United States Naval Station, Guantanamo Bay, Cuba, to the United States temporarily for emergency or critical medical treatment.

Subtitle E—Miscellaneous Authorities and Limitations

- Sec. 1041. Matters relating to the submittal of future-years defense programs.
- Sec. 1042. Department of Defense integration of information operations and cyber-enabled information operations.
- Sec. 1043. Prohibition on lobbying activities with respect to the Department of Defense by certain officers of the Armed Forces and civilian employees of the Department within two years of separation from military service or employment with the Department.
- Sec. 1044. Definition of “unmanned aerial vehicle” for purposes of title 10, United States Code.
- Sec. 1045. Technical amendment relating to management of military technicians.
- Sec. 1046. Extension of prohibition on use of funds for retirement of legacy maritime mine countermeasure platforms.
- Sec. 1047. Sense of Congress on the basing of KC-46A aircraft outside the continental United States.
- Sec. 1048. Authorization to procure up to six polar-class icebreakers.

Subtitle F—Studies and Reports

- Sec. 1061. Assessment of global force posture.
- Sec. 1062. Army modernization strategy.

- Sec. 1063. Report on Army plan to improve operational unit readiness by reducing number of non-deployable soldiers assigned to operational units.
- Sec. 1064. Efforts to combat physiological episodes on certain Navy aircraft.
- Sec. 1065. Studies on aircraft inventories for the Air Force.
- Sec. 1066. Plan and recommendations for interagency vetting of foreign investments with potential impacts on national defense and national security.
- Sec. 1067. Report on authorities for the employment, use, and status of National Guard and Reserve technicians.
- Sec. 1068. Conforming repeals and technical amendments in connection with reports of the Department of Defense whose submittal to Congress has previously been terminated by law.
- Sec. 1069. Annual reports on approval of employment or compensation of retired general or flag officers by foreign governments for Emoluments Clause purposes.
- Sec. 1070. Annual report on civilian casualties in connection with United States military operations.
- Sec. 1071. Report on large-scale, joint exercises involving the air and land domains.
- Sec. 1072. Department of Defense review of Navy capabilities in the Arctic region.
- Sec. 1073. Business case analysis on establishment of active duty association and additional primary aircraft authorizations for the 168th Air Refueling Wing.
- Sec. 1074. Report on Navy capacity to increase production of anti-submarine warfare and search and rescue rotary wing aircraft in light of increase in the size of the surface fleet to 355 ships.

#### Subtitle G—Other Matters

- Sec. 1081. Protection against misuse of Naval Special Warfare Command insignia.
- Sec. 1082. Collaborations between the Armed Forces and certain non-Federal entities on support of Armed Forces missions abroad.
- Sec. 1083. Federal charter for Spirit of America.
- Sec. 1084. Reconsideration of claims for disability compensation for veterans who were the subjects of mustard gas or lewisite experiments during World War II.
- Sec. 1085. Prize competition to identify root cause of physiological episodes on Navy, Marine Corps, and Air Force training and operational aircraft.
- Sec. 1086. Exception to the interdepartmental waiver doctrine for cleanup of vehicle crashes.
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### TITLE XI—CIVILIAN PERSONNEL MATTERS

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- Sec. 1101. Pilot program on enhanced personnel management system for cybersecurity and legal professionals in the Department of Defense.

- Sec. 1102. Inclusion of Strategic Capabilities Office and Defense Innovation Unit Experimental of the Department of Defense in personnel management authority to attract experts in science and engineering.
- Sec. 1103. Permanent authority for demonstration projects relating to acquisition personnel management policies and procedures.
- Sec. 1104. Establishment of senior scientific technical managers at Major Range and Test Facility Base facilities and Defense Test Resource Management Center.
- Sec. 1105. Extension of temporary direct hire authority for domestic defense industrial base facilities and the major range and test facilities base.
- Sec. 1106. Direct hire authority for financial management experts in the Department of Defense workforce.
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#### Subtitle B—Government-wide Matters

- Sec. 1111. Elimination of foreign exemption provision in regard to overtime for Federal civilian employees temporarily assigned to a foreign area.
- Sec. 1112. One-year extension of authority to waive annual limitation on premium pay and aggregate limitation on pay for Federal civilian employees working overseas.
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### TITLE XII—MATTERS RELATING TO FOREIGN NATIONS

#### Subtitle A—Assistance and Training

- Sec. 1201. Support of special operations for irregular warfare.
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#### Subtitle B—Matters Relating to Afghanistan and Pakistan

- Sec. 1211. Extension of Commanders' Emergency Response Program and related authorities.
- Sec. 1212. Extension of authority to transfer defense articles and provide defense services to the military and security forces of Afghanistan.
- Sec. 1213. Extension and modification of authority for reimbursement of certain coalition nations for support provided to United States military operations.
- Sec. 1214. Extension of authority to acquire products and services produced in countries along a major route of supply to Afghanistan.
- Sec. 1215. Extension of semiannual report on enhancing security and stability in Afghanistan.

- Sec. 1216. Sense of Congress regarding the Afghan special immigrant visa program.
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Subtitle C—Matters Relating to Syria, Iraq, and Iran

- Sec. 1231. Modification of authority to provide assistance to counter the Islamic State of Iraq and Syria.
- Sec. 1232. Modification of authority to provide assistance to the vetted Syrian opposition.
- Sec. 1233. Extension and modification of authority to support operations and activities of the Office of Security Cooperation in Iraq.
- Sec. 1234. Modification and additional elements in annual report on the military power of Iran.

Subtitle D—Matters Relating to the Russian Federation

- Sec. 1241. Extension of limitation on military cooperation between the United States and the Russian Federation.
- Sec. 1242. Extension of limitation on availability of funds relating to activities to recognize the sovereignty of the Russian Federation over Crimea.
- Sec. 1243. Extension of Ukraine Security Assistance Initiative.
- Sec. 1244. Extension of authority on training for Eastern European national security forces in the course of multilateral exercises.
- Sec. 1245. Security assistance for Baltic nations for joint program for resiliency and deterrence against aggression.
- Sec. 1246. Annual report on military and security developments involving the Russian Federation.
- Sec. 1247. Annual report on attempts of the Russian Federation to provide disinformation and propaganda to members of the Armed Forces by social media.
- Sec. 1248. Support of European Deterrence Initiative to deter Russian aggression.
- Sec. 1249. Sense of Congress on the European Deterrence Initiative.
- Sec. 1250. Enhancement of Ukraine Security Assistance Initiative.
- Sec. 1251. Sense of Congress on the importance of the North Atlantic Treaty Organization Intelligence Fusion Center.

Subtitle E—Matters Relating to the Asia-Pacific Region

- Sec. 1261. Asia-Pacific Stability Initiative.
- Sec. 1262. Expansion of military-to-military engagement with the Government of Burma.
- Sec. 1263. Agreement supplemental to Compact of Free Association with Palau.
- Sec. 1264. Workforce issues for relocation of Marines to Guam.
- Sec. 1265. United States policy with respect to freedom of navigation operations and overflight beyond the territorial seas.
- Sec. 1266. Sense of Congress on the importance of the rule of law in the South China Sea.
- Sec. 1267. Sense of Congress on the importance of the relationship between the United States and Japan.
- Sec. 1268. Sense of Congress on the importance of the United States alliance with the Republic of Korea.

- Sec. 1269. Sense of Congress on extended deterrence for the Korean Peninsula and Japan.
- Sec. 1270. Defense partnership between the United States and Taiwan.
- Sec. 1270A. Naval port of call exchanges between the United States and Taiwan.
- Sec. 1270B. Program to enhance the undersea warfare capabilities of Taiwan.
- Sec. 1270C. Invitation of Taiwan military forces to participate in joint military exercises.
- Sec. 1270D. Report on military exchanges between senior officers and officials of the United States and Taiwan.

#### Subtitle F—Reports

- Sec. 1271. Submittal of Department of Defense Supplemental and Cost of War Execution reports on quarterly basis.
- Sec. 1272. Consolidation of reports on United States Armed Forces, civilian employees, and contractors deployed in support of Operation Inherent Resolve and Operation Freedom's Sentinel.

#### Subtitle G—Other Matters

- Sec. 1281. Modification of availability of funds in Special Defense Acquisition Fund for precision guided munitions.
- Sec. 1282. Use of funds in the United States for certain United States-Israel anti-tunnel cooperation activities.
- Sec. 1283. Foreign military sales letters of request for pricing and availability.
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### TITLE XIII—COOPERATIVE THREAT REDUCTION

- Sec. 1301. Specification of Cooperative Threat Reduction funds.
- Sec. 1302. Funding allocations.

### TITLE XIV—OTHER AUTHORIZATIONS

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- Sec. 1402. Chemical Agents and Munitions Destruction, Defense.
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#### Subtitle D—Armed Forces Retirement Home

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- Sec. 1441. Authority for transfer of funds to Joint Department of Defense-Department of Veterans Affairs Medical Facility Demonstration Fund for Captain James A. Lovell Health Care Center, Illinois.
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- Sec. 1501. Purpose.
- Sec. 1502. Overseas contingency operations.
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- Sec. 1509. Defense Inspector General.
- Sec. 1510. Defense Health Program.

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- Sec. 1601. Air Force Space Command.
- Sec. 1602. Air Force space contractor responsibility watch list.
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- Sec. 1604. Limitation on use of funds for Delta IV launch vehicle.
- Sec. 1605. Policy of the United States with respect to classification of space as a combat domain.
- Sec. 1606. Launch support and infrastructure modernization.

Subtitle B—Defense Intelligence and Intelligence-Related Activities

- Sec. 1611. Extension of authority to engage in commercial activities as security for intelligence collection activities.

Subtitle C—Cyber Warfare, Cybersecurity, and Related Matters

- Sec. 1621. Policy of the United States on cyberspace, cybersecurity, and cyber warfare.
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- Sec. 1623. Modification and clarification of requirements and authorities relating to establishment of unified combatant command for cyber operations.
- Sec. 1624. Annual assessment of cyber resiliency of nuclear command and control system.
- Sec. 1625. Strategic Cybersecurity Program.
- Sec. 1626. Evaluation of agile acquisition of cyber tools and applications.
- Sec. 1627. Report on cost implications of terminating dual-hat arrangement for Commander of United States Cyber Command.
- Sec. 1628. Modification of Information Assurance Scholarship Program.
- Sec. 1629. Measuring compliance of components of Department of Defense with cybersecurity requirements for securing industrial control systems.
- Sec. 1630. Exercise on assessing cybersecurity support to election systems of States.
- Sec. 1630A. Report on various approaches to cyber deterrence.
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#### Subtitle D—Nuclear Forces

- Sec. 1631. Collection, storage, and sharing of data relating to nuclear security enterprise.
- Sec. 1632. Establishment of procedures for implementation of Nuclear Enterprise Review.
- Sec. 1633. Procurement authority for certain parts of intercontinental ballistic missiles.
- Sec. 1634. Execution and programmatic oversight of nuclear command, control, and communications programs.
- Sec. 1635. Measures in response to noncompliance of the Russian Federation with its obligations under the INF Treaty.
- Sec. 1636. Certification that the Nuclear Posture Review addresses deterrent effect and operation of United States nuclear forces in current and future security environments.
- Sec. 1637. Plan to manage Integrated Tactical Warning and Attack Assessment System and multi-domain sensors.
- Sec. 1638. Certification requirement with respect to strategic radiation hardened trusted foundry.
- Sec. 1639. Requirements for Nuclear Posture Review.
- Sec. 1640. Sense of Congress on Nuclear Posture Review.

#### Subtitle E—Missile Defense Programs

- Sec. 1651. Iron Dome short-range rocket defense system and Israeli Cooperative Missile Defense Program co-development and co-production.
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- Sec. 1654. Sense of the Senate on the state of United States missile defense.
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#### DIVISION B—MILITARY CONSTRUCTION AUTHORIZATIONS

- Sec. 2001. Short title.

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- Sec. 2101. Authorized Army construction and land acquisition projects.
- Sec. 2102. Family housing.
- Sec. 2103. Authorization of appropriations, Army.
- Sec. 2104. Modification of authority to carry out certain fiscal year 2014 project.
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#### TITLE XXII—NAVY MILITARY CONSTRUCTION

- Sec. 2201. Authorized Navy construction and land acquisition projects.
- Sec. 2202. Family housing.
- Sec. 2203. Improvements to military family housing units.
- Sec. 2204. Authorization of appropriations, Navy.
- Sec. 2205. Extension of authorizations of certain fiscal year 2014 projects.
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#### TITLE XXIII—AIR FORCE MILITARY CONSTRUCTION

- Sec. 2301. Authorized Air Force construction and land acquisition projects.
- Sec. 2302. Family housing.
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- Sec. 2304. Authorization of appropriations, Air Force.
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- Sec. 2401. Authorized Defense Agencies construction and land acquisition projects.
- Sec. 2402. Authorized energy conservation projects.
- Sec. 2403. Authorization of appropriations, Defense Agencies.
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#### TITLE XXV—INTERNATIONAL PROGRAMS

##### Subtitle A—North Atlantic Treaty Organization Security Investment Program

- Sec. 2501. Authorized NATO construction and land acquisition projects.
- Sec. 2502. Authorization of appropriations, NATO.

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- Sec. 2511. Republic of Korea funded construction projects.
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## TITLE XXVI—GUARD AND RESERVE FORCES FACILITIES

## Subtitle A—Project Authorizations and Authorization of Appropriations

- Sec. 2601. Authorized Army National Guard construction and land acquisition projects.
- Sec. 2602. Authorized Army Reserve construction and land acquisition projects.
- Sec. 2603. Authorized Navy Reserve and Marine Corps Reserve construction and land acquisition projects.
- Sec. 2604. Authorized Air National Guard construction and land acquisition projects.
- Sec. 2605. Authorized Air Force Reserve construction and land acquisition projects.
- Sec. 2606. Authorization of appropriations, National Guard and Reserve.

## Subtitle B—Other Matters

- Sec. 2611. Modification of authority to carry out certain fiscal year 2015 project.
- Sec. 2612. Extension of authorizations of certain fiscal year 2014 projects.
- Sec. 2613. Extension of authorizations of certain fiscal year 2015 projects.

## TITLE XXVII—BASE REALIGNMENT AND CLOSURE ACTIVITIES

- Sec. 2701. Authorization of appropriations for base realignment and closure activities funded through Department of Defense Base Closure Account.
- Sec. 2702. Prohibition on conducting additional base realignment and closure (BRAC) round.

## TITLE XXVIII—MILITARY CONSTRUCTION AND GENERAL PROVISIONS

## Subtitle A—Military Construction Program and Military Family Housing Changes

- Sec. 2801. Authority to use expiring funds for certain military construction projects.
- Sec. 2802. Extension of temporary, limited authority to use operation and maintenance funds for construction projects in certain areas outside the United States.

## Subtitle B—Real Property and Facilities Administration

- Sec. 2811. Authority to use energy cost savings for energy resilience, mission assurance, and weather damage repair and prevention measures.
- Sec. 2812. Modification of unspecified minor military construction project authority to cover correction of deficiencies that are threats to installation resilience.
- Sec. 2813. Land exchange valuation of property with reduced development that limits encroachment on military installations.
- Sec. 2814. Treatment of storm water collection systems as utility systems.
- Sec. 2815. Access to military installations by transportation network companies.

## Subtitle C—Land Conveyances

- Sec. 2821. Land conveyance, Natick Soldier Systems Center, Massachusetts.
- Sec. 2822. Land conveyance, Army and Air Force Exchange Service property, Dallas, Texas.
- Sec. 2823. Land conveyances, certain former peacekeeper ICBM facilities in Wyoming.
- Sec. 2824. Land exchange, Naval Industrial Ordnance Reserve Plant, Sunnyvale, California.
- Sec. 2825. Land exchange, Naval Air Station Corpus Christi, Texas.

#### Subtitle D—Project Management and Oversight Reforms

- Sec. 2831. Notification requirement for certain cost overruns and schedule delays.
- Sec. 2832. Limited authority for private sector supervision of military construction projects in event of extensive cost overruns or project delays.
- Sec. 2833. Annual report on cost overruns and schedule delays.
- Sec. 2834. Report on design errors and omissions related to Fort Bliss hospital replacement project.
- Sec. 2835. Report on cost increase and delay related to USSTRATCOM command and control facility project at Offutt Air Force Base.

#### Subtitle E—Other Matters

- Sec. 2841. Annual Department of Defense energy management reports.
- Sec. 2842. Aggregation of energy efficiency and energy resilience projects in life cycle cost analyses.
- Sec. 2843. Authority of the Secretary of the Air Force to accept lessee improvements at Air Force Plant 42.
- Sec. 2844. Prohibition on use of funds for Kwajalein project.
- Sec. 2845. Energy resilience.
- Sec. 2846. Consideration of energy security and energy resilience in awarding energy and fuel contracts for military installations.
- Sec. 2847. Requirement to address energy resilience in exercising utility system conveyance authority.
- Sec. 2848. In-kind lease payments; prioritization of utility services that promote energy resilience.
- Sec. 2849. Disclosure of beneficial ownership by foreign persons of high security space leased by the Department of Defense.

### TITLE XXIX—OVERSEAS CONTINGENCY OPERATIONS MILITARY CONSTRUCTION

- Sec. 2901. Authorized Army construction and land acquisition projects.
- Sec. 2902. Authorized Air Force construction and land acquisition projects.
- Sec. 2903. Authorization of appropriations.
- Sec. 2904. Extension of authorization of certain fiscal year 2015 projects.

### DIVISION C—DEPARTMENT OF ENERGY NATIONAL SECURITY AUTHORIZATIONS AND OTHER AUTHORIZATIONS

### TITLE XXXI—DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS

#### Subtitle A—National Security Programs and Authorizations

- Sec. 3101. National Nuclear Security Administration.

- Sec. 3102. Defense environmental cleanup.
- Sec. 3103. Other defense activities.
- Sec. 3104. Nuclear energy.

Subtitle B—Program Authorizations, Restrictions, and Limitations

- Sec. 3111. Assessment and development of prototype nuclear weapons of foreign countries.
- Sec. 3112. Use of funds for construction and project support activities relating to MOX facility.
- Sec. 3113. Repeal, consolidation, and modification of reporting requirements.
- Sec. 3114. National Nuclear Security Administration personnel system.
- Sec. 3115. Annual reports on unfunded priorities of National Nuclear Security Administration.

TITLE XXXII—DEFENSE NUCLEAR FACILITIES SAFETY BOARD

- Sec. 3201. Authorization.

TITLE XXXV—MARITIME ADMINISTRATION

- Sec. 3501. Maritime Administration.

DIVISION D—FUNDING TABLES

- Sec. 4001. Authorization of amounts in funding tables.

TITLE XLI—PROCUREMENT

- Sec. 4101. Procurement.
- Sec. 4102. Procurement for overseas contingency operations.

TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND  
EVALUATION

- Sec. 4201. Research, development, test, and evaluation.
- Sec. 4202. Research, development, test, and evaluation for overseas contingency operations.

TITLE XLIII—OPERATION AND MAINTENANCE

- Sec. 4301. Operation and maintenance.
- Sec. 4302. Operation and maintenance for overseas contingency operations.

TITLE XLIV—MILITARY PERSONNEL

- Sec. 4401. Military personnel.
- Sec. 4402. Military personnel for overseas contingency operations.

TITLE XLV—OTHER AUTHORIZATIONS

- Sec. 4501. Other authorizations.
- Sec. 4502. Other authorizations for overseas contingency operations.

TITLE XLVI—MILITARY CONSTRUCTION

- Sec. 4601. Military construction.
- Sec. 4602. Military construction for overseas contingency operations.

TITLE XLVII—DEPARTMENT OF ENERGY NATIONAL SECURITY  
PROGRAMS

Sec. 4701. Department of Energy national security programs.

1 **SEC. 3. CONGRESSIONAL DEFENSE COMMITTEES.**

2 In this Act, the term “congressional defense commit-  
3 tees” has the meaning given that term in section  
4 101(a)(16) of title 10, United States Code.

5 **SEC. 4. BUDGETARY EFFECTS OF THIS ACT.**

6 The budgetary effects of this Act, for the purposes  
7 of complying with the Statutory Pay-As-You-Go Act of  
8 2010, shall be determined by reference to the latest state-  
9 ment titled “Budgetary Effects of PAYGO Legislation”  
10 for this Act, jointly submitted for printing in the Congres-  
11 sional Record by the Chairmen of the House and Senate  
12 Budget Committees, provided that such statement has  
13 been submitted prior to the vote on passage in the House  
14 acting first on the conference report or amendment be-  
15 tween the Houses.

16 **DIVISION A—DEPARTMENT OF**  
17 **DEFENSE AUTHORIZATIONS**  
18 **TITLE I—PROCUREMENT**  
19 **Subtitle A—Authorization of**  
20 **Appropriations**

21 **SEC. 101. AUTHORIZATION OF APPROPRIATIONS.**

22 Funds are hereby authorized to be appropriated for  
23 fiscal year 2018 for procurement for the Army, the Navy

1 and the Marine Corps, the Air Force, and Defense-wide  
 2 activities, as specified in the funding table in section 4101.

### 3 **Subtitle B—Army Programs**

#### 4 **SEC. 111. TRANSFER OF EXCESS HIGH MOBILITY MULTI- 5 PURPOSE WHEELED VEHICLES TO FOREIGN 6 COUNTRIES.**

7 (a) TRANSFERS.—

8 (1) IN GENERAL.—Chapter 153 of title 10,  
 9 United States Code, is amended by inserting after  
 10 section 2581 the following new section:

#### 11 **“§ 2581a. Transfer of excess High Mobility Multipur- 12 pose Wheeled Vehicles (HMMWVs) to for- 13 eign countries**

14 “(a) REQUIREMENTS.—(1) Before an excess High  
 15 Mobility Multipurpose Wheeled Vehicle (HMMWV) is  
 16 transferred on a grant or sales basis to a foreign country  
 17 for the purpose of operation by that country, the Secretary  
 18 of Defense shall ensure that the HMMWV receives the  
 19 same new, modernized powertrain and a modernized, ar-  
 20 mored or armor-capable crew compartment restored to  
 21 like-new condition that the HMMWV would receive if it  
 22 were to be modernized for operational use by the armed  
 23 forces.

24 “(2) For the purposes of paragraph (1), the term ‘the  
 25 same new, modernized powertrain’—

1           “(A) means a fully-functioning new powertrain  
2           system; and

3           “(B) does not mean an individual part, compo-  
4           nent, subassembly, assembly, or subsystem integral  
5           to the functioning of the powertrain system such as  
6           a new engine or transmission.

7           “(3) Any work performed pursuant to paragraph (1)  
8           shall be performed in the United States and shall be cov-  
9           ered by section 2460(b)(1) of this title.

10          “(b) WAIVER.—Subject to the requirements of sub-  
11          section (c), the Secretary may waive the requirements of  
12          subsection (a)(1) if the Secretary determines in writing  
13          that such an exception is required by the national security  
14          interests of the United States.

15          “(c) NOTIFICATION.—(1) If the Secretary makes a  
16          written determination under subsection (b), the Secretary  
17          may not transfer excess HMMWVs until 30 days after the  
18          Secretary has provided notice of the proposed transfer to  
19          the congressional defense committees. The notification  
20          shall include—

21                 “(A) the total quantity of HMMWVs, the serial  
22                 and model numbers of each individual HMMWV,  
23                 and the age, condition, and expected useful life of  
24                 each individual HMMWV to be transferred;

1           “(B) the recipient of the HMMWVs, the in-  
2           tended use of the HMMWVs, and a description of  
3           the national security interests of the United States  
4           necessitating the transfer;

5           “(C) an explanation of why it is not in the na-  
6           tional security interests of the United States to  
7           make the transfer in accordance with the require-  
8           ments of subsection (a);

9           “(D) the impact on the national technology and  
10          industrial base and, particularly, any reduction of  
11          the opportunities of entities in the national tech-  
12          nology and industrial base to sell new or used  
13          HMMWVs to the countries to which the proposed  
14          transfer of HMMWVs is to take place; and

15          “(E) the names of all entities in the national  
16          technology and industrial base consulted as part of  
17          the determination in subsection (D), as well as the  
18          dates when and the names, titles, and affiliations of  
19          all individuals with whom such consultations took  
20          place.

21          “(2) The Secretary shall make the notification re-  
22          quired under this subsection in accordance with the proce-  
23          dures specified in section 060403 of volume 3, chapter 6,  
24          of the Department of Defense Financial Management  
25          Regulation.”.

1           (2) CLERICAL AMENDMENT.—The table of sec-  
2           tions at the beginning of such chapter is amended  
3           by inserting after the item relating to section 2581  
4           the following new item:

          “2581a. Transfer of excess High Mobility Multipurpose Wheeled Vehicles  
          (HMMWVs) to foreign countries.”.

5           (b) EFFECTIVE DATE.—Section 2581a of title 10,  
6           United States Code, as added by subsection (a), shall  
7           apply with respect to transfers of High Mobility Multipur-  
8           pose Wheeled Vehicles on and after the date of the enact-  
9           ment of this Act.

10 **SEC. 112. LIMITATION ON AVAILABILITY OF FUNDS FOR**  
11                           **ARMY AIR-LAND MOBILE TACTICAL COMMU-**  
12                           **NICATIONS AND DATA NETWORK, INCLUDING**  
13                           **WARFIGHTER INFORMATION NETWORK-TAC-**  
14                           **TICAL (WIN-T).**

15           (a) LIMITATION.—No funds authorized to be appro-  
16           priated by this Act or otherwise made available for fiscal  
17           year 2018 for other procurement, Army, and available for  
18           the Warfighter Information Network-Tactical (WIN-T),  
19           Increment 2 (Inc 2) program may be obligated or ex-  
20           pended until the Secretary of the Army submits the report  
21           required under subsection (b).

22           (b) REPORT.—The Secretary of the Army shall sub-  
23           mit to the congressional defense committees a report de-  
24           scribing how the Army intends to implement the rec-

1 ommendations related to air-land ad-hoc, mobile tactical  
2 communications and data networks provided by the Direc-  
3 tor of Cost Assessment and Program Evaluation (CAPE)  
4 pursuant to section 237 of the National Defense Author-  
5 ization Act for Fiscal Year 2016 (Public Law 114–92; 129  
6 Stat. 781).

## 7 **Subtitle C—Navy Programs**

### 8 **SEC. 121. MULTIYEAR PROCUREMENT AUTHORITY FOR VIR-** 9 **GINIA CLASS SUBMARINE PROGRAM.**

10 (a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—  
11 Subject to section 2306b of title 10, United States Code,  
12 the Secretary of the Navy may enter into one or more  
13 multiyear contracts, beginning with the fiscal year 2019  
14 program year, for the procurement of up to 13 Virginia  
15 class submarines.

16 (b) **AUTHORITY FOR ADVANCE PROCUREMENT.**—The  
17 Secretary of the Navy may enter into one or more con-  
18 tracts, beginning in fiscal year 2018, for advance procure-  
19 ment associated with the Virginia Class submarines for  
20 which authorization to enter into a multiyear procurement  
21 contract is provided under subsection (a), and for equip-  
22 ment or subsystems associated with the Virginia Class  
23 submarine program, including procurement of—

24 (1) long lead time material; or

1           (2) material or equipment in economic order  
2 quantities when cost savings are achievable.

3           (c) **CONDITION FOR OUT-YEAR CONTRACT PAY-**  
4 **MENTS.**—A contract entered into under subsection (a)  
5 shall provide that any obligation of the United States to  
6 make a payment under the contract for a fiscal year after  
7 fiscal year 2019 is subject to the availability of appropria-  
8 tions or funds for that purpose for such fiscal year.

9           (d) **LIMITATION ON TERMINATION LIABILITY.**—A  
10 contract for construction of Virginia Class submarines en-  
11 tered into in accordance with subsection (a) shall include  
12 a clause that limits the liability of the United States to  
13 the contractor for any termination of the contract. The  
14 maximum liability of the United States under the clause  
15 shall be the amount appropriated for the submarines cov-  
16 ered by the contract regardless of the amount obligated  
17 under the contract.

18 **SEC. 122. ARLEIGH BURKE CLASS DESTROYERS.**

19           (a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—

20           (1) **IN GENERAL.**—Subject to section 2306b of  
21 title 10, United States Code, the Secretary of the  
22 Navy may enter into one or more multiyear con-  
23 tracts, beginning not earlier than the fourth quarter  
24 of fiscal year 2018, for the procurement of up to 15

1 Arleigh Burke class Flight III guided missile de-  
2 stroyers.

3 (2) AUTHORITY FOR ADVANCE PROCURE-  
4 MENT.—The Secretary of the Navy may enter into  
5 one or more contracts, beginning in fiscal year 2018,  
6 for advance procurement associated with the de-  
7 stroyers for which authorization to enter into a  
8 multiyear procurement contract is provided under  
9 paragraph (1), and for systems and subsystems as-  
10 sociated with such destroyers in economic order  
11 quantities when cost savings are achievable.

12 (3) CONDITION FOR OUT-YEAR CONTRACT PAY-  
13 MENTS.—A contract entered into under paragraph  
14 (1) shall provide that any obligation of the United  
15 States to make a payment under the contract for a  
16 fiscal year after fiscal year 2018 is subject to the  
17 availability of appropriations or funds for that pur-  
18 pose for such fiscal year.

19 (b) MODIFICATION TO PROCUREMENT OF ADDI-  
20 TIONAL ARLEIGH BURKE CLASS DESTROYER.—Section  
21 125(a)(1) of the National Defense Authorization Act for  
22 Fiscal Year 2016 (Public Law 114–92) is amended by  
23 striking “to be procured either” and inserting “to be pro-  
24 cured using a fixed-price contract either”.

1 **SEC. 123. MULTIYEAR PROCUREMENT AUTHORITY FOR V-22**  
2 **JOINT AIRCRAFT PROGRAM.**

3 (a) **AUTHORITY FOR MULTIYEAR PROCUREMENT.**—  
4 Subject to section 2306b of title 10, United States Code,  
5 the Secretary of Defense may enter into one or more  
6 multiyear contracts, beginning with the fiscal year 2018  
7 program year, for the procurement of V-22 aircraft. Not-  
8 withstanding subsection (k) of such section 2306b, the  
9 Secretary of Defense may enter into a multiyear contract  
10 under this section for up to five years.

11 (b) **CONDITION FOR OUT-YEAR CONTRACT PAY-**  
12 **MENTS.**—A contract entered into under subsection (a)  
13 shall provide that any obligation of the United States to  
14 make a payment under the contract for a fiscal year after  
15 fiscal year 2018 is subject to the availability of appropria-  
16 tions for that purpose for such later fiscal year.

17 **SEC. 124. DESIGN AND CONSTRUCTION OF AMPHIBIOUS**  
18 **SHIP REPLACEMENT DESIGNATED LX(R) OR**  
19 **AMPHIBIOUS TRANSPORT DOCK DESIGNATED**  
20 **LPD-30.**

21 (a) **IN GENERAL.**—The Secretary of the Navy may  
22 enter into a contract, beginning with the fiscal year 2018  
23 program year, for the design and construction of the am-  
24 phibious ship replacement designated LX(R) or the am-  
25 phibious transport dock designated LPD-30 using

1 amounts authorized to be appropriated for the Depart-  
2 ment of Defense for Shipbuilding and Conversion, Navy.

3 (b) USE OF INCREMENTAL FUNDING.—With respect  
4 to the contract entered into under subsection (a), the Sec-  
5 retary may use incremental funding to make payments  
6 under the contract.

7 (c) CONDITION FOR OUT-YEAR CONTRACT PAY-  
8 MENTS.—The contract entered into under subsection (a)  
9 shall provide that any obligation of the United States to  
10 make a payment under such contract for any fiscal year  
11 after fiscal year 2018 is subject to the availability of ap-  
12 propriations for that purpose for such fiscal year.

13 **SEC. 125. MODIFICATION OF COST LIMITATION BASELINE**  
14 **FOR CVN-78 CLASS AIRCRAFT CARRIER PRO-**  
15 **GRAM.**

16 Section 122(a) of the John Warner National Defense  
17 Authorization Act for Fiscal Year 2007 (Public Law 109–  
18 364; 120 Stat. 2105), as most recently amended by sec-  
19 tion 122 of the National Defense Authorization Act for  
20 Fiscal Year 2016 (Public Law 114–92; 129 Stat. 749),  
21 is further amended by striking paragraph (2) and insert-  
22 ing the following new paragraphs:

23 “(2) CVN–79.—The total amount obligated  
24 from funds appropriated or otherwise made available  
25 for Shipbuilding and Conversion, Navy, or for any

1 other procurement account, for the aircraft carrier  
 2 designated CVN-79 may not exceed  
 3 \$11,398,000,000 (as adjusted pursuant to sub-  
 4 section (b)).

5 “(3) FOLLOW-ON SHIPS.—The total amount ob-  
 6 ligated from funds appropriated or otherwise made  
 7 available for Shipbuilding and Conversion, Navy, or  
 8 for any other procurement account, for any ship that  
 9 is constructed in the CVN-78 class of aircraft car-  
 10 riers after CVN-79 may not exceed  
 11 \$12,000,000,000 (as adjusted pursuant to sub-  
 12 section (b)).”.

13 **SEC. 126. EXTENSION OF LIMITATION ON USE OF SOLE-**  
 14 **SOURCE SHIPBUILDING CONTRACTS FOR**  
 15 **CERTAIN VESSELS.**

16 Section 124 of the National Defense Authorization  
 17 Act for Fiscal Year 2017 (Public Law 114-328) is amend-  
 18 ed by striking “2017” and inserting “2017 or fiscal year  
 19 2018”.

20 **Subtitle D—Air Force Programs**

21 **SEC. 131. INVENTORY REQUIREMENT FOR AIR FORCE**  
 22 **FIGHTER AIRCRAFT.**

23 (a) INVENTORY REQUIREMENT.—Section 8062 of  
 24 title 10, United States Code, is amended by adding at the  
 25 end the following new subsection:

1       “(i) INVENTORY REQUIREMENT.—(1) Effective Octo-  
2 ber 1, 2017, the Secretary of the Air Force shall maintain  
3 a total aircraft inventory of fighter aircraft of not less  
4 than 1,970 aircraft, and a total primary mission aircraft  
5 inventory (combat-coded) of not less than 1,145 fighter  
6 aircraft.

7       “(2) In this subsection:

8           “(A) The term ‘fighter aircraft’ means an air-  
9 craft that—

10               “(i) is designated by a mission design se-  
11 ries prefix of F– or A–;

12               “(ii) is manned by one or two crew-  
13 members; and

14               “(iii) executes single-role or multi-role mis-  
15 sions, including air-to-air combat, air-to-ground  
16 attack, air interdiction, suppression or destruc-  
17 tion of enemy air defenses, close air support,  
18 strike control and reconnaissance, combat  
19 search and rescue support, or airborne forward  
20 air control.

21           “(B) The term ‘primary mission aircraft inven-  
22 tory’ means aircraft assigned to meet the primary  
23 aircraft authorization to a unit for the performance  
24 of its wartime mission.”.

1 (b) LIMITATION ON RETIREMENT OF AIR FORCE  
2 FIGHTER AIRCRAFT.—

3 (1) LIMITATION.—Except as provided under  
4 subsection (d), the Secretary of the Air Force may  
5 not proceed with a decision to retire fighter aircraft  
6 in any number that would reduce the total number  
7 of such aircraft in the Air Force total active inven-  
8 tory (TAI) below 1,970, and shall maintain a min-  
9 imum of 1,145 fighter aircraft designated as pri-  
10 mary mission aircraft inventory (PMAI).

11 (2) ADDITIONAL LIMITATIONS ON RETIREMENT  
12 OF FIGHTER AIRCRAFT.—Except as provided under  
13 subsection (d), the Secretary of the Air Force may  
14 not retire fighter aircraft from the total active inven-  
15 tory as of the date of the enactment of this Act until  
16 the later of the following:

17 (A) The date that is 30 days after the date  
18 on which the Secretary submits the report re-  
19 quired under paragraph (3).

20 (B) The date that is 30 days after the date  
21 on which the Secretary certifies to the congress-  
22 sional defense committees that—

23 (i) the retirement of such fighter air-  
24 craft will not increase the operational risk

1 of meeting the National Defense Strategy;  
2 and

3 (ii) the retirement of such aircraft will  
4 not reduce the total fighter force structure  
5 below 1,970 fighter aircraft or the primary  
6 mission aircraft inventory below 1,145.

7 (3) REPORT ON RETIREMENT OF AIRCRAFT.—  
8 The Secretary of the Air Force shall submit to the  
9 congressional defense committees a report setting  
10 forth the following:

11 (A) The rationale for the retirement of ex-  
12 isting fighter aircraft and an operational anal-  
13 ysis of replacement fighter aircraft that dem-  
14 onstrates performance of the designated mission  
15 at an equal or greater level of effectiveness as  
16 the retiring aircraft.

17 (B) An assessment of the implications for  
18 the Air Force, the Air National Guard, and the  
19 Air Force Reserve of the force mix ratio of  
20 fighter aircraft.

21 (C) Such other matters relating to the re-  
22 tirement of fighter aircraft as the Secretary  
23 considers appropriate.

24 (c) REPORTS ON FIGHTER AIRCRAFT.—

1           (1) IN GENERAL.—Except as provided under  
2 subsection (d), at least 90 days before the date on  
3 which a fighter aircraft is retired, the Secretary of  
4 the Air Force, in consultation with (where applica-  
5 ble) the Director of the Air National Guard or Chief  
6 of the Air Force Reserve, shall submit to the con-  
7 gressional defense committees a report on the pro-  
8 posed force structure and basing of fighter aircraft.

9           (2) ELEMENTS.—Each report submitted under  
10 paragraph (1) shall include the following elements:

11           (A) A list of each fighter aircraft proposed  
12 for retirement, including for each such air-  
13 craft—

14                   (i) the mission design series type;

15                   (ii) the variant; and

16                   (iii) the assigned unit and military in-  
17 stallation where such aircraft is based.

18           (B) A list of each unit affected by a pro-  
19 posed retirement listed under subparagraph (A)  
20 and a description of how such unit is affected.

21           (C) For each military installation and unit  
22 listed under subparagraph (A)(iii), a description  
23 of changes, if any, to the designed operational  
24 capability (DOC) statement of the unit as a re-  
25 sult of a proposed retirement.



1 (b) BRIEFING.—Not later than March 1, 2018, the  
2 Comptroller General shall provide a briefing to the con-  
3 gressional defense committees on the plan.

4 (c) ELEMENTS.—The review received under sub-  
5 section (a) shall include, with respect to the HH–60 re-  
6 placement programs, the following elements:

7 (1) A description of the National Commission  
8 on the Structure of the Air Force’s recommenda-  
9 tions regarding the use of concurrent and propor-  
10 tional fielding and how the Air Force applied these  
11 principles in the fielding plan for the HH–60G re-  
12 placement programs.

13 (2) An evaluation of the Air Force’s fielding  
14 plan for the HH–60G replacement programs, includ-  
15 ing an assessment of the Air Force’s rationale for  
16 the plan, as well as the alternative fielding plans  
17 considered by the Air Force.

18 (3) An evaluation of the potential readiness im-  
19 pact of the Air Force’s fielding plan on active duty,  
20 National Guard, and Reserve units, including the  
21 ability to meet training, maintenance, and deploy-  
22 ment requirements, as well as the implications for  
23 total force integration initiatives should the fielding  
24 not be proportional.

1 (d) HH-60G REPLACEMENT PROGRAMS DE-  
2 FINED.—In this section, the term “HH-60G replacement  
3 programs” means the HH-60G Ops Loss Replacement  
4 and HH-60W Combat Rescue Helicopter programs.

5 **Subtitle E—Defense-wide, Joint,**  
6 **and Multiservice Matters**

7 **SEC. 141. F-35 ECONOMIC ORDER QUANTITY CONTRACTING**  
8 **AUTHORITY.**

9 (a) IN GENERAL.—The Secretary of Defense may  
10 enter into one or more contracts during fiscal year 2018  
11 for the procurement of economic order quantities of mate-  
12 rial and equipment that has completed formal hardware  
13 qualification testing for the F-35 aircraft for use in pro-  
14 curement contracts to be awarded during fiscal years 2019  
15 and 2020. The total amount obligated under all contracts  
16 entered into under this section shall not exceed  
17 \$661,000,000.

18 (b) AUTHORITY.—To the extent that funds are other-  
19 wise available for obligation, the Secretary may enter into  
20 economic order quantity contracts for purchases under  
21 this section whenever the Secretary finds each of the fol-  
22 lowing:

23 (1) That the use of such a contract will result  
24 in significant savings of the total anticipated costs of  
25 carrying out the program through annual contracts.

1           (2) That the minimum need for the property to  
2           be purchased is expected to remain substantially un-  
3           changed during the contemplated contract period in  
4           terms of production rate, procurement rate, and  
5           total quantities.

6           (3) That there is a reasonable expectation that  
7           throughout the contemplated contract period the  
8           Secretary will request funding for the contract at  
9           the level required to avoid contract cancellation.

10          (4) That there is a stable design for the prop-  
11          erty to be acquired and that the technical risks asso-  
12          ciated with such property are not excessive.

13          (5) That the estimates of both the cost of the  
14          contract and the anticipated cost avoidance through  
15          the use of an economic order quantity contract are  
16          realistic.

17          (6) That the use of such a contract will pro-  
18          mote the national security of the United States.

19          (c) CERTIFICATION REQUIREMENT.—A contract may  
20          not be entered into under this section unless the Secretary  
21          of Defense certifies in writing, not later than 30 days be-  
22          fore entry into the contract, that each of the following con-  
23          ditions is satisfied:

24                 (1) The Secretary has determined that each of  
25                 the requirements in paragraphs (1) through (6) of

1 subsection (b) will be met by such contract and has  
2 provided the basis for such determination to the con-  
3 gressional defense committees.

4 (2) Confirmation that the preliminary findings  
5 of the Secretary under paragraph (1) were made  
6 after the completion of a cost analysis performed by  
7 the Director of Cost Assessment and Program Eval-  
8 uation for the purpose of section 2334(e)(1) of title  
9 10, United States Code, and that the analysis sup-  
10 ports those preliminary findings.

11 (3) A sufficient number of end items of the sys-  
12 tem being acquired under such contract have been  
13 delivered at or within the most current estimates of  
14 the program acquisition unit cost or procurement  
15 unit cost for such system to determine that current  
16 estimates of such unit costs are realistic.

17 (4) During the fiscal year in which such con-  
18 tract is to be awarded, sufficient funds will be avail-  
19 able to perform the contract in such fiscal year, and  
20 the future-years defense program for such fiscal year  
21 will include the funding required to execute the pro-  
22 gram without cancellation.

23 (5) The contract is a fixed price type contract.

1           (6) The proposed contract provides for produc-  
2           tion at not less than minimum economic rates given  
3           the existing tooling and facilities.

4 **SEC. 142. AUTHORITY FOR EXPLOSIVE ORDNANCE DIS-**  
5                   **POSAL UNITS TO ACQUIRE NEW OR EMERG-**  
6                   **ING TECHNOLOGIES AND CAPABILITIES.**

7           The Secretary of Defense may provide Explosive Ord-  
8           nance Disposal (EOD) units with the authority to acquire  
9           new or emerging EOD technologies and capabilities that  
10          are not specifically listed on the Table of Allowance (TOA)  
11          or Table of Equipment (TOE).

12 **TITLE II—RESEARCH, DEVELOP-**  
13           **MENT, TEST, AND EVALUA-**  
14           **TION**

15           **Subtitle A—Authorization of**  
16           **Appropriations**

17 **SEC. 201. AUTHORIZATION OF APPROPRIATIONS.**

18          Funds are hereby authorized to be appropriated for  
19          fiscal year 2018 for the use of the Department of Defense  
20          for research, development, test, and evaluation as specified  
21          in the funding table in section 4201.

1 **Subtitle B—Program Requirements, Restrictions, and Limitations**  
2  
3

4 **SEC. 211. MECHANISMS FOR EXPEDITED ACCESS TO TECHNICAL TALENT AND EXPERTISE AT ACADEMIC INSTITUTIONS TO SUPPORT DEPARTMENT OF DEFENSE MISSIONS.**  
5  
6  
7

8 (a) ARRANGEMENTS AUTHORIZED.—

9 (1) IN GENERAL.—The Secretary of Defense  
10 may establish one or more multi-institution task  
11 order contracts, consortia, cooperative agreements,  
12 or other arrangements to facilitate expedited access  
13 to university technical expertise, including faculty,  
14 staff, and students, in support of Department of De-  
15 fense missions in the areas specified in subsection  
16 (e).

17 (2) USE FOR TECHNICAL ANALYSES AND ENGI-  
18 NEERING SUPPORT.—The Secretary may use an ar-  
19 rangement under paragraph (1) to fund technical  
20 analyses and other engineering support as required  
21 to address acquisition and operational challenges, in-  
22 cluding support for classified programs and activi-  
23 ties.

24 (3) PERFORMANCE BY DESIGNATED UNIVER-  
25 SITY PERFORMER.—The Secretary shall ensure that

1 work awarded through an arrangement under para-  
2 graph (1) is performed primarily by the designated  
3 university performer.

4 (b) LIMITATION.—An arrangement established under  
5 subsection (a)(1) may not be used to fund research pro-  
6 grams that can be executed through other Department of  
7 Defense basic research activities.

8 (c) CONSULTATION WITH OTHER DEPARTMENT OF  
9 DEFENSE ACTIVITIES.—An arrangement established  
10 under subsection (a)(1) shall, to the degree practicable,  
11 be made in consultation with other Department of Defense  
12 activities, including federally funded research and develop-  
13 ment centers (FFRDCs), university affiliated research  
14 centers (UARCs), and Defense laboratories and test cen-  
15 ters, for purposes of providing technical expertise and re-  
16 ducing costs and duplicative efforts.

17 (d) POLICIES AND PROCEDURES.—If the Secretary  
18 establishes one or more arrangements under subsection  
19 (a)(1), the Secretary shall establish and implement policies  
20 and procedures to govern—

21 (1) selection of participants in the arrangement  
22 or arrangements;

23 (2) the awarding of task orders under the ar-  
24 rangement or arrangements;

1           (3) maximum award size for tasks under the  
2 arrangement or arrangements;

3           (4) the appropriate use of competitive awards  
4 and sole source awards under the arrangement or  
5 arrangements; and

6           (5) technical areas under the arrangement or  
7 arrangements.

8           (e) MISSION AREAS.—The areas specified in this sub-  
9 section are as follows:

10           (1) Cybersecurity.

11           (2) Air and ground vehicles.

12           (3) Shipbuilding.

13           (4) Explosives detection and defeat.

14           (5) Undersea warfare.

15           (6) Trusted electronics.

16           (7) Unmanned systems.

17           (8) Directed energy.

18           (9) Energy, power, and propulsion.

19           (10) Management science and operations re-  
20 search.

21           (11) Artificial intelligence.

22           (12) Data analytics.

23           (13) Business systems.

24           (14) Technology transfer and transition.

1           (15) Biological engineering and genetic en-  
2           hancement.

3           (16) High performance computing.

4           (17) Materials science and engineering.

5           (18) Quantum information sciences.

6           (19) Special operations activities.

7           (20) Modeling and simulation.

8           (21) Autonomous systems.

9           (22) Model based engineering.

10          (23) Such other areas as the Secretary con-  
11          siders appropriate.

12          (f) SUNSET.—The authorities under this section shall  
13          expire on September 30, 2020.

14          (g) ARRANGEMENTS ESTABLISHED UNDER SUB-  
15          SECTION (A)(1) DEFINED.—In this section, the term “ar-  
16          rangement established under subsection (a)(1)” means a  
17          multi-institution task order contract, consortia, coopera-  
18          tive agreement, or other arrangement established under  
19          subsection (a)(1).

1 **SEC. 212. CODIFICATION AND ENHANCEMENT OF AUTHORI-**  
2 **TIES TO PROVIDE FUNDS FOR DEFENSE LAB-**  
3 **ORATORIES FOR RESEARCH AND DEVELOP-**  
4 **MENT OF TECHNOLOGIES FOR MILITARY MIS-**  
5 **SIONS.**

6 (a) IN GENERAL.—Chapter 139 of title 10, United  
7 States Code, is amended by inserting after section 2362  
8 the following new section:

9 **“§ 2363. Mechanisms to provide funds for defense lab-**  
10 **oratories for research and development**  
11 **of technologies for military missions**

12 “(a) MECHANISMS TO PROVIDE FUNDS.—(1) The  
13 Secretary of Defense, in consultation with the Secretaries  
14 of the military departments, shall establish mechanisms  
15 under which the director of a defense laboratory may use  
16 an amount of funds equal to not less than two percent  
17 and not more than four percent of all funds available to  
18 the defense laboratory for the following purposes:

19 “(A) To fund innovative basic and applied re-  
20 search that is conducted at the defense laboratory  
21 and supports military missions.

22 “(B) To fund development programs that sup-  
23 port the transition of technologies developed by the  
24 defense laboratory into operational use.

25 “(C) To fund workforce development activities  
26 that improve the capacity of the defense laboratory

1 to recruit and retain personnel with necessary sci-  
2 entific and engineering expertise that support mili-  
3 tary missions.

4 “(D) To fund the revitalization recapitalization,  
5 or minor military construction of the laboratory in-  
6 frastructure and equipment, in accordance with sub-  
7 section (b).

8 “(2) The mechanisms established under paragraph  
9 (1) shall provide that funding shall be used under para-  
10 graph (1) at the discretion of the director of a defense  
11 laboratory in consultation with the science and technology  
12 executive of the military department concerned.

13 “(3) After consultation with the science and tech-  
14 nology executive of the military department concerned, the  
15 director of a defense laboratory may charge customer ac-  
16 tivities a fixed percentage fee, in addition to normal costs  
17 of performance, in order to obtain funds to carry out ac-  
18 tivities authorized by this subsection. The fixed fee may  
19 not exceed four percent of costs.

20 “(b) AVAILABILITY OF FUNDS FOR INFRASTRUC-  
21 TURE PROJECTS.—(1) Subject to the provisions of this  
22 subsection, funds available under a mechanism under sub-  
23 section (a)(1)(D) that are solely intended to carry out a  
24 laboratory infrastructure project shall be available for  
25 such project until expended.

1       “(2) Funds shall be available in accordance with  
2 paragraph (1) for a project referred to in such paragraph  
3 only if the Secretary notifies the congressional defense  
4 committees of the total cost of the project before the date  
5 on which the Secretary uses a mechanism under sub-  
6 section (a)(1)(D) for such project.

7       “(3) Funds may accumulate under a mechanism  
8 under subsection (a) for a project referred to in paragraph  
9 (1) for not more than five years.

10       “(4) The Secretary shall ensure that a project re-  
11 ferred to in paragraph (1) for which funds are made avail-  
12 able in accordance with such paragraph complies with the  
13 applicable cost limitations in the following provisions of  
14 law:

15               “(A) Section 2805(d) of this title, with respect  
16 to revitalization and recapitalization projects.

17               “(B) Section 2811 of this title, with respect to  
18 repair projects.

19               “(C) Section 2802 of this title, with respect to  
20 construction projects that exceed the cost specified  
21 in subsection (a)(2) of section 2805 of this title for  
22 certain unspecified minor military construction  
23 projects for laboratories.

24       “(c) ANNUAL REPORT ON USE OF AUTHORITY.—Not  
25 later than March 1 of each year, the Secretary of Defense

1 shall submit to the congressional defense committees a re-  
2 port on the use of the authority under subsection (a) dur-  
3 ing the preceding year.”.

4 (b) CLERICAL AMENDMENT.—The table of sections  
5 at the beginning of chapter 139 of such title is amended  
6 by inserting after the item relating to section 2362 the  
7 following new item:

“2363. Mechanisms to provide funds for defense laboratories for research and  
development of technologies for military missions.”.

8 (c) CONFORMING AMENDMENTS.—(1) Section 219 of  
9 the Duncan Hunter National Defense Authorization Act  
10 for Fiscal Year 2009 (Public Law 110–417; 10 U.S.C.  
11 2358 note), is hereby repealed.

12 (2) Section 2805(d)(1)(B) of title 10, United States  
13 Code, is amended by striking “under section 219(a) of the  
14 Duncan Hunter National Defense Authorization Act for  
15 Fiscal Year 2009 (Public Law 110–417; 10 U.S.C. 2358  
16 note)” and inserting “section 2363(a) of this title”.

17 **SEC. 213. MODIFICATION OF LABORATORY QUALITY EN-**  
18 **HANCEMENT PROGRAM.**

19 (a) IN GENERAL.—Section 211 of the National De-  
20 fense Authorization Act for Fiscal Year 2017 (Public Law  
21 114–328) is amended—

22 (1) in subsection (a)(1)—

23 (A) in subparagraph (A), by striking “;  
24 and” and inserting a semicolon;

1 (B) in subparagraph (B), by striking the  
2 semicolon and inserting “; and”; and

3 (C) by adding at the end the following new  
4 subparagraph:

5 “(C) new interpretations of existing stat-  
6 utes and regulations that would enhance the  
7 ability of a director of a science and technology  
8 reinvention laboratory to manage the facility  
9 and discharge the mission of the laboratory;”;

10 (2) in subsection (d), by adding at the end the  
11 following new paragraph:

12 “(3)(A) Each panel described in paragraph (1), (2),  
13 or (3) of subsection (b) shall submit to the panel described  
14 in paragraph (4) of such subsection (relating to govern-  
15 ance and oversight processes) the following:

16 “(i) The findings of the panel with respect to  
17 the review conducted by the panel under subsection  
18 (a)(1)(C).

19 “(ii) The recommendations made by the panel  
20 under such subsection.

21 “(iii) Such comments, findings, and rec-  
22 ommendations as the panel may have received by a  
23 science and technology reinvention laboratory with  
24 respect to—

1                   “(I) the review conducted by the panel  
2                   under such subsection; or

3                   “(II) recommendations made by the panel  
4                   under such subsection.

5           “(B)(i) The panel described in subsection (b)(4) shall  
6 review and refashion such recommendations as the panel  
7 may receive under subparagraph (A).

8           “(ii) In reviewing and refashioning recommendations  
9 under clause (i), the panel may, as the panel considers  
10 appropriate, consult with the science and technology execu-  
11 tive of the affected service.

12           “(C) The panel described in subsection (b)(4) shall  
13 submit to the Under Secretary of Defense for Research  
14 and Engineering the recommendations made by the panel  
15 under subsection (a)(1)(C) and the recommendations re-  
16 fashioned by the panel under subparagraph (B) of this  
17 paragraph.”;

18                   (3) by redesignating subsections (e) and (f) as  
19 subsection (f) and (g), respectively; and

20                   (4) by inserting after subsection (d) the fol-  
21 lowing new subsection (e):

22           “(e) INTERPRETATION OF PROVISIONS OF LAW.—(1)  
23 The Under Secretary of Defense for Research and Engi-  
24 neering, acting under the guidance of the Secretary, shall  
25 issue regulations regarding the meaning, scope, implemen-

1 tation, and applicability of any provision of a statute relat-  
2 ing to a science and technology reinvention laboratory.

3 “(2) In interpreting or defining under paragraph (1),  
4 the Under Secretary shall, to the degree practicable, em-  
5 phasize providing the maximum operational flexibility to  
6 the directors of the science and technology reinvention lab-  
7 oratories to discharge the missions of their laboratories.

8 “(3) In interpreting or defining under paragraph (1),  
9 the Under Secretary shall seek recommendations from the  
10 panel described in subsection (b)(4).”.

11 (b) TECHNICAL CORRECTIONS.—(1) Subsections (a),  
12 (c)(1)(C), and (d)(2) of such section are amended by strik-  
13 ing “Assistant Secretary” each place it appears and in-  
14 serting “Under Secretary”.

15 (2) Subparagraph (C) of section 342(b)(3) of the Na-  
16 tional Defense Authorization Act for Fiscal Year 1995  
17 (Public Law 103–337), as amended by section 211(f) of  
18 the National Defense Authorization Act for Fiscal Year  
19 2017 (Public Law 114–328), as redesignated by sub-  
20 section (a)(3) of this section, is amended by striking “As-  
21 sistant Secretary” and inserting “Under Secretary”.

22 **SEC. 214. PRIZES FOR ADVANCED TECHNOLOGY ACHIEVE-**  
23 **MENTS.**

24 Section 2374a of title 10, United States Code, is  
25 amended—

1           (1) in subsection (a), by striking “in recognition  
2 of” and inserting “and other types of prizes that the  
3 Secretary determines are appropriate to recognize”;

4           (2) in subsection (e), by striking “cash” both  
5 places it appears;

6           (3) in subsection (e)—

7                (A) by striking “and from State and local  
8 governments” and inserting “, from State and  
9 local governments, and from the private sec-  
10 tor”; and

11               (B) by adding at the end the following:  
12 “The Secretary may not give any special con-  
13 sideration to any private sector entity in return  
14 for a donation.”; and

15           (4) by amending subsection (f) to read as fol-  
16 lows:

17           “(f) USE OF PRIZE AUTHORITY.—Use of prize au-  
18 thority under this section shall be considered the use of  
19 competitive procedures for the purposes of section 2304  
20 of this title.”.

1 **SEC. 215. EXPANSION OF DEFINITION OF COMPETITIVE**  
 2 **PROCEDURES TO INCLUDE COMPETITIVE SE-**  
 3 **LECTION FOR AWARD OF RESEARCH AND DE-**  
 4 **VELOPMENT PROPOSALS.**

5 Section 2302(2)(B) of title 10, United States Code,  
 6 is amended by striking “basic research” and inserting “re-  
 7 search and development”.

8 **SEC. 216. INCLUSION OF MODELING AND SIMULATION IN**  
 9 **TEST AND EVALUATION ACTIVITIES FOR PUR-**  
 10 **POSES OF PLANNING AND BUDGET CERTIFI-**  
 11 **CATION.**

12 Section 196 of title 10, United States Code, is  
 13 amended—

14 (1) in subsection (d)(1), in the first sentence,  
 15 by inserting “, including modeling and simulation  
 16 capabilities” after “and resources”; and

17 (2) in subsection (e)(1), by inserting “, includ-  
 18 ing modeling and simulation activities,” after “eval-  
 19 uation activities”.

20 **SEC. 217. DIFFERENTIATION OF RESEARCH AND DEVELOP-**  
 21 **MENT ACTIVITIES FROM SERVICE ACTIVI-**  
 22 **TIES.**

23 (a) IN GENERAL.—For the purposes of activities and  
 24 programs carried out by the Department of Defense, re-  
 25 search and development activities, including activities  
 26 under the Small Business Innovation Research Program

1 (SBIR) or the Small Business Technology Transfer Pro-  
2 gram (STTR), shall be considered as separate and distinct  
3 from contract service activities.

4 (b) GUIDANCE.—Not later than 180 days after the  
5 date of the enactment of this Act, the Secretary of Defense  
6 shall issue updated guidance to carry out this section.

7 (c) DEFINITIONS.—

8 (1) IN GENERAL.—In this section:

9 (A) The term “advisory and assistance  
10 service” has the meaning given such term in  
11 section 1105(g)(2) of title 31, United States  
12 Code.

13 (B) The term “research and development  
14 activities”—

15 (i) means—

16 (I) creative work undertaken on  
17 a systematic basis in order to increase  
18 the stock of knowledge, including the  
19 knowledge of man, culture, and soci-  
20 ety; and

21 (II) the use of the stock of  
22 knowledge described in subparagraph  
23 (A) to devise new applications; and

1 (ii) includes activities described in sec-  
2 tion 9 of the Small Business Act (15  
3 U.S.C. 638).

4 (C) The term “contract service activities”  
5 has the meaning given the term “contract serv-  
6 ices” in section 2330(c) of title 10, United  
7 States Code.

8 (D) The terms “Small Business Innovation  
9 Research Program” and “Small Business Tech-  
10 nology Transfer Program” have the meanings  
11 given such terms in section 9(e) of the Small  
12 Business Act (15 U.S.C. 638(e)).

13 (2) DEFINITION OF SERVICES FOR PURPOSES  
14 OF REQUIREMENTS RELATING TO TRACKING OF  
15 PURCHASES OF SERVICES.—Section 2330a(h) of title  
16 10, United States Code, is amended by inserting  
17 after paragraph (4) the following new paragraph:

18 “(5) SERVICES.—The term ‘services’ has the  
19 meaning given the term ‘contract services’ in section  
20 2330(c) of this title.”.

21 **SEC. 218. DESIGNATION OF ADDITIONAL DEPARTMENT OF**  
22 **DEFENSE SCIENCE AND TECHNOLOGY RE-**  
23 **INVENTION LABORATORIES.**

24 Section 1105(a) of the National Defense Authoriza-  
25 tion Act for Fiscal Year 2010 (Public Law 111–84; 10

1 U.S.C. 2358 note) is amended by adding at the end the  
2 following new paragraphs:

3           “(20) The Air Force Office of Scientific Re-  
4 search.

5           “(21) The 711th Human Performance Wing of  
6 the Air Force Research Laboratory.

7           “(22) The Air Vehicles Directorate of the Air  
8 Force Research Laboratory.

9           “(23) The Directed Energy Directorate of the  
10 Air Force Research Laboratory.

11           “(24) The Information Directorate of the Air  
12 Force Research Laboratory.

13           “(25) The Materials and Manufacturing Direc-  
14 torate of the Air Force Research Laboratory.

15           “(26) The Munitions Directorate of the Air  
16 Force Research Laboratory.

17           “(27) The Propulsion Directorate of the Air  
18 Force Research Laboratory.

19           “(28) The Sensors Directorate of the Air Force  
20 Research Laboratory.

21           “(29) The Space Vehicles Directorate of the Air  
22 Force Research Laboratory.

23           “(30) The Naval Facilities Engineering and Ex-  
24 peditionary Warfare Center.”.

1 **SEC. 219. DEPARTMENT OF DEFENSE DIRECTED ENERGY**  
2 **WEAPON SYSTEM PROTOTYPING AND DEM-**  
3 **ONSTRATION PROGRAM.**

4 (a) **ESTABLISHMENT.**—The Secretary of Defense,  
5 acting through the Under Secretary, shall establish a pro-  
6 gram on the prototyping and demonstration of directed  
7 energy weapon systems to build and maintain the military  
8 superiority of the United States by—

9 (1) accelerating the fielding of directed energy  
10 weapon systems that would help counter techno-  
11 logical advantages of potential adversaries of the  
12 United States; and

13 (2) supporting the military departments, the  
14 combatant commanders, the United States Special  
15 Operations Command, and the Missile Defense  
16 Agency in developing prototypes and demonstrating  
17 operational utility of high energy lasers and high  
18 powered microwave weapon systems.

19 (b) **GUIDELINES.**—

20 (1) **IN GENERAL.**—Not later than 180 days  
21 after the date of the enactment of this Act, the  
22 Under Secretary shall issue guidelines for the oper-  
23 ation of the program established under subsection  
24 (a), including—

1 (A) criteria for an application for funding  
2 by a military department, defense agency, or a  
3 combatant command;

4 (B) the priorities, if any, to be provided to  
5 field directed energy weapon system tech-  
6 nologies developed by research funding of the  
7 Department or industry; and

8 (C) criteria for evaluation of an application  
9 for funding or changes to policies or acquisition  
10 and business practices by such a department,  
11 agency, or command for purposes of improving  
12 the effectiveness and efficiency of the Program.

13 (2) LIMITATION.—Funding for a military de-  
14 partment, defense agency, or combatant command  
15 under the program established under subsection (a)  
16 may only be available for advanced technology devel-  
17 opment, prototyping, and demonstrations in which  
18 the Department of Defense maintains management  
19 of the technical baseline and a primary emphasis on  
20 technology transition and evaluating military utility  
21 to enhance the likelihood that the particular directed  
22 energy weapon system will meet the Department end  
23 user's need.

24 (c) APPLICATIONS FOR FUNDING.—

1           (1) IN GENERAL.—Not less frequently than  
2           once each year, the Under Secretary shall solicit  
3           from the heads of the military departments, the de-  
4           fense agencies, and the combatant commands appli-  
5           cations for funding under the program established  
6           under subsection (a) to be used to enter into con-  
7           tracts, cooperative agreements, or other transaction  
8           agreements entered into pursuant to section 2371b  
9           of title 10, United States Code, with appropriate en-  
10          tities for the fielding or commercialization of tech-  
11          nologies.

12          (2) TREATMENT PURSUANT TO CERTAIN CON-  
13          GRESSIONAL RULES.—Nothing in this section shall  
14          be construed to require any official of the Depart-  
15          ment of Defense to provide funding under the pro-  
16          gram to any congressional earmark as defined pur-  
17          suant to clause 9 of rule XXI of the Rules of the  
18          House of Representatives or any congressionally di-  
19          rected spending item as defined pursuant to para-  
20          graph 5 of rule XLIV of the Standing Rules of the  
21          Senate.

22          (d) FUNDING.—

23                (1) IN GENERAL.—Except as provided in para-  
24                graph (2) and subject to the availability of appro-  
25                priations for such purpose, of the funds authorized

1 to be appropriated by this Act or otherwise made  
2 available for fiscal year 2018 for research, develop-  
3 ment, test, and evaluation, defense-wide,  
4 \$200,000,000 shall be available to the Under Sec-  
5 retary to allocate to the military departments, the  
6 defense agencies, and the combatant commands to  
7 carry out the program established under subsection  
8 (a).

9 (2) LIMITATION.—Not more than half of the  
10 amounts made available under paragraph (1) may be  
11 allocated as described in such paragraph until the  
12 Under Secretary—

13 (A) develops the strategic plan required by  
14 section 219(a)(2)(A) of the National Defense  
15 Authorization Act for Fiscal Year 2017 (Public  
16 Law 114–328; 10 U.S.C. 2431 note); and

17 (B) submits such strategic plan to the con-  
18 gressional defense committees.

19 (e) DESIGNATION OF UNDER SECRETARY OF DE-  
20 FENSE FOR RESEARCH AND ENGINEERING AS THE OFFI-  
21 CIAL WITH PRINCIPAL RESPONSIBILITY FOR DEVELOP-  
22 MENT AND DEMONSTRATION OF DIRECTED ENERGY  
23 WEAPONS.—Section 219(a)(1) of the National Defense  
24 Authorization Act for Fiscal Year 2017 (Public Law 114–  
25 328; 10 U.S.C. 2431 note) is amended by striking “Not

1 later” and all that follows through “of Defense” and in-  
2 serting “The Under Secretary of Defense for Research  
3 and Engineering shall serve”.

4 (f) UNDER SECRETARY DEFINED.—In this section,  
5 the term “Under Secretary” means the Under Secretary  
6 of Defense for Research and Engineering in the Under  
7 Secretary’s capacity as the official with principal responsi-  
8 bility for the development and demonstration of directed  
9 energy weapons pursuant to section 219(a)(1) of such Act  
10 (Public Law 114–328; 10 U.S.C. 2431 note), as amended  
11 by subsection (e).

12 **SEC. 220. AUTHORITY FOR THE UNDER SECRETARY OF DE-**  
13 **FENSE FOR RESEARCH AND ENGINEERING**  
14 **TO PROMOTE INNOVATION IN THE DEPART-**  
15 **MENT OF DEFENSE.**

16 The Secretary of Defense shall establish procedures  
17 under which the Under Secretary of Defense for Research  
18 and Engineering may request a time-limited review and  
19 if necessary require coordination on and modification of  
20 proposed directives, rules, regulations, and other policies  
21 that in Under Secretary’s view would adversely affect the  
22 ability of the innovation, research, and engineering enter-  
23 prise of the Department of Defense to effectively and effi-  
24 ciently execute its missions, including policies and prac-  
25 tices concerning the following:

- 1 (1) Personnel and talent management.
- 2 (2) Financial management and budgeting.
- 3 (3) Infrastructure, installations, and military
- 4 construction.
- 5 (4) Acquisition.
- 6 (5) Management.
- 7 (6) Such other areas as the Secretary may des-
- 8 ignate.

9 **SEC. 221. LIMITATION ON AVAILABILITY OF FUNDS FOR F-**  
10 **35 JOINT STRIKE FIGHTER FOLLOW-ON MOD-**  
11 **ERNIZATION.**

12 None of the funds authorized to be appropriated by  
13 this Act or otherwise made available for fiscal year 2018  
14 or any other fiscal year for the Department of Defense  
15 may be obligated for F-35 Joint Strike Fighter Follow-  
16 On Modernization until the Secretary of Defense provides  
17 the final report required under section 224(d) of the Na-  
18 tional Defense Authorization Act for Fiscal Year 2017  
19 (Public Law 114-328).

20 **SEC. 222. IMPROVEMENT OF UPDATE PROCESS FOR**  
21 **POPULATING MISSION DATA FILES USED IN**  
22 **ADVANCED COMBAT AIRCRAFT.**

23 (a) IMPROVEMENTS TO UPDATE PROCESS.—

- 24 (1) IN GENERAL.—The Secretary of Defense
- 25 shall take such actions as may be necessary to im-

1 prove the process used to update the mission data  
2 files used in advanced combat aircraft of the United  
3 States so that such updates can occur more quickly.

4 (2) REQUIREMENTS.—In improving the process  
5 under paragraph (1), the Secretary shall ensure the  
6 following:

7 (A) That under such process, updates to  
8 the mission data files are developed, operation-  
9 ally tested, and loaded onto systems of ad-  
10 vanced combat aircraft while in theaters of op-  
11 eration in a time-sensitive manner to allow for  
12 the distinguishing of threats, including distin-  
13 guishing friends from foes, loading and delivery  
14 of weapon suites, and coordination with allied  
15 and coalition armed forces.

16 (B) When updates are made to the mission  
17 data files, all areas of responsibility (AoRs) are  
18 included.

19 (C) The process includes best practices re-  
20 lating to such mission data files that have been  
21 identified by industry and allies of the United  
22 States.

23 (D) The process improves the exchange of  
24 information between weapons systems of the  
25 United States and weapon systems of allies and

1 partners of the United States, with respect to  
2 such mission data files.

3 (b) CONSULTATION AND PILOT PROGRAMS.—In car-  
4 rying out subsection (a), the Secretary shall consult the  
5 innovation organizations resident in the Department of  
6 Defense and may consider carrying out a pilot program  
7 under another provision of this Act.

8 (c) REPORT.—Not later than March 31, 2018, the  
9 Secretary shall submit to the congressional defense com-  
10 mittees a report on the actions taken by the Secretary  
11 under subsection (a)(1) and how the process described in  
12 such subsection has been improved.

## 13 **Subtitle C—Reports and Other** 14 **Matters**

### 15 **SEC. 231. COMPETITIVE ACQUISITION PLAN FOR LOW** 16 **PROBABILITY OF DETECTION DATA LINK** 17 **NETWORKS.**

18 (a) PLAN REQUIRED.—The Under Secretary of De-  
19 fense for Acquisition, Technology, and Logistics and the  
20 Vice Chairman of the Joint Chiefs of Staff shall jointly,  
21 in consultation with the Secretary of the Navy and the  
22 Secretary of the Air Force, develop a plan to procure a  
23 secure, low probability of detection data link network ca-  
24 pability with the ability to effectively operate in hostile  
25 jamming environments while preserving the low observable

1 characteristics of the relevant platforms, between existing  
2 and planned—

3 (1) fifth-generation combat aircraft;

4 (2) fifth-generation and fourth-generation com-  
5 bat aircraft;

6 (3) fifth-generation and fourth-generation com-  
7 bat aircraft and appropriate support aircraft and  
8 other network nodes for command, control, commu-  
9 nications, intelligence, surveillance, and reconnais-  
10 sance purposes; and

11 (4) fifth-generation and fourth-generation com-  
12 bat aircraft and their associated network-enabled  
13 precision weapons.

14 (b) ADDITIONAL PLAN REQUIREMENTS.—The plan  
15 required by subsection (a) shall include—

16 (1) nonproprietary and open systems ap-  
17 proaches compatible with the Rapid Capabilities Of-  
18 fice Open Mission Systems initiative of the Air  
19 Force and the Future Airborne Capability Environ-  
20 ment initiative of the Navy;

21 (2) a competitive acquisition process, to include  
22 comparative flight demonstrations in realistic air-  
23 borne environments; and





1 Army's prototype vehicle, including whether any  
2 United States allies or partners have advanced capa-  
3 bilities that could be directly incorporated in the pro-  
4 totype.

5 (2) The schedule, cost, key milestones, and  
6 leadership plan to rapidly design and build the pro-  
7 totype ground combat vehicle.

8 **SEC. 234. PLAN FOR SUCCESSFULLY FIELDING THE INTE-**  
9 **GRATED AIR AND MISSILE DEFENSE BATTLE**  
10 **COMMAND SYSTEM.**

11 (a) **PLAN REQUIRED.**—Not later than 180 days after  
12 the date of the enactment of this Act, the Secretary of  
13 the Army shall submit to the congressional defense com-  
14 mittees a plan to successfully field a suitable, survivable,  
15 and effective Integrated Air and Missile Defense Battle  
16 Command System program.

17 (b) **LIMITATION.**—None of the funds authorized to  
18 be appropriated by this Act for research, development,  
19 test, and evaluation may be obligated by the Secretary of  
20 the Army for the Army Integrated Air and Missile Defense  
21 and the Integrated Air and Missile Defense Battle Com-  
22 mand System until the date on which the plan is sub-  
23 mitted under subsection (a).

1 **SEC. 235. SENSE OF CONGRESS ON HYPERSONIC WEAPONS.**

2 (a) FINDINGS.—Congress makes the following find-  
3 ings:

4 (1) The United States has gained a thorough  
5 understanding of hypersonic technology over the  
6 course of seven decades of experimentation.

7 (2) The requirements for technological break-  
8 throughs in hypersonics have largely been estab-  
9 lished, allowing pursuit of hypersonic glide weapons  
10 without a prohibitive budget effect.

11 (3) The Department of Defense has several  
12 hypersonic research and development efforts under-  
13 way, including conventional prompt global strike  
14 (CPS) weapons system, the Hypersonic Air-Breath-  
15 ing Weapon Concept, and the Tactical Boost Glide  
16 program.

17 (4) In testimony before the Committee on  
18 Armed Services of the Senate on April 4, 2017, the  
19 Commander of United States Strategic Command,  
20 General John Hyten, identified the conventional  
21 prompt global strike weapons system as the “leading  
22 technology maturation effort in the realm of  
23 hypersonics” and stated that his command sees “an  
24 operational need for a CPS capabilities by the mid-  
25 2020s.”.

1           (5) Hypersonic weapons present a radical  
2 change in warfare, because they can circumvent  
3 many of the challenges associated with contested  
4 warfare and integrated air defenses.

5           (6) Hypersonic weapons may provide solutions  
6 to difficult problem sets, such as anti-access area de-  
7 nial schemes, deeply buried or hardened target sets,  
8 and mobile high value target sets.

9           (7) Other countries are aggressively pursuing  
10 hypersonic weapons at an alarming rate that threat-  
11 en to outpace the United States if the United States  
12 does not more aggressively pursue development of  
13 hypersonic weapons.

14           (8) The Air Force has a \$10,000,000 require-  
15 ment on the Unfunded Priority List for hypersonic  
16 prototyping.

17           (b) SENSE OF CONGRESS.—It is the sense of Con-  
18 gress that—

19           (1) the Department of Defense should expedite  
20 testing, evaluation, and acquisition of hypersonic  
21 weapon systems to meet the stated needs of the  
22 warfighter;

23           (2) testing of such weapon systems should in-  
24 clude flight testing, ground based testing, and un-  
25 derwater launch testing;

1           (3) the Department of Defense should adhere  
2           to the requirement in section 1688 of the National  
3           Defense Authorization Act for Fiscal Year 2017  
4           (Public Law 114–328) to proceed to a Milestone A  
5           decision on the conventional prompt global strike  
6           weapons system not later than September 30, 2020,  
7           or the date that is 240 days after the successful  
8           completion of intermediate range flight 2 of such  
9           system;

10           (4) the United States cannot afford to lose its  
11           advantage over foreign countries in developing  
12           hypersonic weapons; and

13           (5) the Department of Defense should focus on  
14           the next generation of weapon systems, including  
15           third offset technologies, such as hypersonics.

## 16           **TITLE III—OPERATION AND** 17           **MAINTENANCE**

### 18           **Subtitle A—Authorization of** 19           **Appropriations**

#### 20           **SEC. 301. AUTHORIZATION OF APPROPRIATIONS.**

21           Funds are hereby authorized to be appropriated for  
22           fiscal year 2018 for the use of the Armed Forces and other  
23           activities and agencies of the Department of Defense for  
24           expenses, not otherwise provided for, for operation and

1 maintenance, as specified in the funding table in section  
2 4301.

## 3 **Subtitle B—Logistics and** 4 **Sustainment**

### 5 **SEC. 311. SENTINEL LANDSCAPES PARTNERSHIP.**

6 (a) ESTABLISHMENT.—The Secretary of Defense, in  
7 coordination with the Secretary of Agriculture and the  
8 Secretary of the Interior, may establish and carry out a  
9 program to preserve sentinel landscapes. The program  
10 shall be known as the “Sentinel Landscapes Partnership”.

11 (b) DESIGNATION OF SENTINEL LANDSCAPES.—The  
12 Secretary of Defense, in consultation with the Secretary  
13 of Agriculture and the Secretary of the Interior, may, as  
14 the Secretary determines appropriate, collectively des-  
15 ignate one or more sentinel landscapes.

16 (c) COORDINATION OF ACTIVITIES.—The Secretaries  
17 may coordinate actions between their departments and  
18 with other agencies and private organizations to more effi-  
19 ciently work together for the mutual benefit of conserva-  
20 tion, working lands, and national defense, and to encour-  
21 age private landowners to engage in voluntary land man-  
22 agement and conservation activities that contribute to the  
23 sustainment of military installations, ranges, and airspace.

24 (d) PRIORITY CONSIDERATION.—The Secretary of  
25 Agriculture and the Secretary of the Interior may give to

1 any eligible landowner or agricultural producer within a  
2 designated sentinel landscape priority consideration for  
3 participation in any easement, grant, or assistance pro-  
4 grams administered by that Secretary’s department. Par-  
5 ticipation in any such program pursuant to this section  
6 shall be voluntary.

7 (e) DEFINITIONS.—In this section:

8 (1) MILITARY INSTALLATION.—The term “mili-  
9 tary installation” has the same meaning as provided  
10 in section 670(1) of title 16, United States Code.

11 (2) STATE-OWNED NATIONAL GUARD INSTALLA-  
12 TION.—The term “State-owned National Guard in-  
13 stallation” has the same meaning as provided in sec-  
14 tion 670(3) of title 16, United States Code.

15 (3) SENTINEL LANDSCAPE.—The term “sen-  
16 tinel landscape” means a landscape-scale area en-  
17 compassing—

18 (A) one or more military installations or  
19 state-owned National Guard installations and  
20 associated airspace; and

21 (B) the working or natural lands that  
22 serve to protect and support the rural economy,  
23 the natural environment, outdoor recreation,  
24 and the national defense test and training mis-

1           sions of the military- or State-owned National  
2           Guard installation or installations.

3           (f) CONFORMING AMENDMENT.—Section 312(b) of  
4 the National Defense Authorization Act for Fiscal Year  
5 2014 (Public Law 113–66; 127 Stat. 729; 10 U.S.C.  
6 2684a note) is repealed.

7 **SEC. 312. INCREASED PERCENTAGE OF SUSTAINMENT**  
8                   **FUNDS AUTHORIZED FOR REALIGNMENT TO**  
9                   **RESTORATION AND MODERNIZATION AT**  
10                  **EACH INSTALLATION.**

11           (a) IN GENERAL.—The Secretary of Defense may au-  
12 thorize an installation commander to realign up to 7.5 per-  
13 cent of an installation’s sustainment funds to restoration  
14 and modernization.

15           (b) SUNSET.—The authority under subsection (a)  
16 shall expire at the close of September 30, 2022.

17           (c) DEFINITIONS.—The terms “sustainment”, “res-  
18 toration”, and “modernization” have the meanings given  
19 the terms in the Department of Defense Financial Man-  
20 agement Regulation.

## Subtitle C—Reports

1                                   **Subtitle C—Reports**  
2 **SEC. 321. PLAN FOR MODERNIZED, DEDICATED DEPART-**  
3                                   **MENT OF THE NAVY ADVERSARY AIR TRAIN-**  
4                                   **ING ENTERPRISE.**

5           (a) PLAN REQUIRED.—The Chief of Naval Oper-  
6 ations and the Commandant of the Marine Corps shall de-  
7 velop a plan—

8                   (1) to establish a modernized, dedicated adver-  
9 sary air training enterprise for the Department of  
10 the Navy in order to—

11                           (A) maximize warfighting effectiveness and  
12 synergies of the current and planned fourth and  
13 fifth generation combat air forces through opti-  
14 mized training and readiness; and

15                           (B) harness intelligence analysis, emerging  
16 live-virtual-constructive training technologies,  
17 range infrastructure improvements, and results  
18 of experimentation and prototyping efforts in  
19 operational concept development;

20                   (2) to explore all available opportunities to chal-  
21 lenge the combat air forces of the Department of the  
22 Navy with threat representative adversary-to-friendly  
23 aircraft ratios, known and emerging adversary tac-  
24 tics, and high-fidelity replication of threat airborne  
25 and ground capabilities; and

1           (3) to execute all means available to achieve  
2           training and readiness goals and objectives of the  
3           Navy and Marine Corps with demonstrated institu-  
4           tional commitment to the adversary air training en-  
5           terprise through the application of Department of  
6           the Navy policy and resources, partnering with the  
7           other Armed Forces, allies, and friends, and employ-  
8           ing the use of industry contracted services.

9           (b) PLAN ELEMENTS.—The plan required under sub-  
10          section (a) shall include enterprise goals, objectives, con-  
11          cepts of operations, phased implementation timelines,  
12          analysis of expected readiness improvements, prioritized  
13          resource requirements, and such other matters as the  
14          Chief of Naval Operations and Commandant of the Marine  
15          Corps consider appropriate.

16          (c) SUBMITTAL OF PLAN AND BRIEFING.—Not later  
17          than March 1, 2018, the Chief of Naval Operations and  
18          Commandant of the Marine Corps shall provide to the  
19          Committees on Armed Services of the Senate and the  
20          House of Representatives a written plan and briefing on  
21          the plan required under subsection (a).

1           **Subtitle D—Other Matters**

2   **SEC. 331. DEFENSE SITING CLEARINGHOUSE.**

3           (a) CODIFICATION.—Chapter 7 of title 10, United  
4 States Code, is amended by inserting after section 183 the  
5 following new section:

6   **“§ 183a. Defense Siting Clearinghouse for review of**  
7           **mission obstructions**

8           “(a) ESTABLISHMENT.—(1) The Secretary of De-  
9 fense shall establish a Defense Siting Clearinghouse (in  
10 this section referred to as the ‘Clearinghouse’).

11           “(2) The Clearinghouse shall be—

12                   “(A) organized under the authority, direction,  
13 and control of an Assistant Secretary of Defense  
14 designated by the Secretary; and

15                   “(B) assigned such personnel and resources as  
16 the Secretary considers appropriate to carry out this  
17 section.

18           “(b) FUNCTIONS.—(1) The Clearinghouse shall co-  
19 ordinate Department of Defense review of applications for  
20 energy projects filed with the Secretary of Transportation  
21 pursuant to section 44718 of title 49 and received by the  
22 Department of Defense from the Secretary of Transpor-  
23 tation.

24           “(2) The Clearinghouse shall accelerate the develop-  
25 ment of planning tools necessary to determine the accept-

1 ability to the Department of Defense of proposals included  
2 in an application for an energy project submitted pursuant  
3 to such section.

4 “(3) The Clearinghouse shall perform such other  
5 functions as the Secretary of Defense assigns.

6 “(c) REVIEW OF PROPOSED ACTIONS.—(1) Not later  
7 than 30 days after receiving from the Secretary of Trans-  
8 portation a proper application for an energy project under  
9 section 44718 of title 49 that may have an adverse impact  
10 on military operations and readiness, the Clearinghouse  
11 shall conduct a preliminary review of such application. The  
12 review shall—

13 “(A) assess the likely scope, duration, and level  
14 of risk of any adverse impact of such energy project  
15 on military operations and readiness; and

16 “(B) identify any feasible and affordable ac-  
17 tions that could be taken by the Department, the de-  
18 veloper of such energy project, or others to mitigate  
19 the adverse impact and to minimize risks to national  
20 security while allowing the energy project to proceed  
21 with development.

22 “(2) If the Clearinghouse determines under para-  
23 graph (1) that an energy project will have an adverse im-  
24 pact on military operations and readiness, the Clearing-  
25 house shall issue to the applicant a notice of presumed

1 risk that describes the concerns identified by the Depart-  
2 ment in the preliminary review and requests a discussion  
3 of possible mitigation actions.

4 “(3) At the same time that the Clearinghouse issues  
5 to the applicant a notice of presumed risk under para-  
6 graph (2), the Clearinghouse shall provide the same notice  
7 to the governor of the State in which the project is located  
8 and request that the governor provide the Clearinghouse  
9 any comments the governor believes of relevance to the  
10 application. The Secretary of Defense shall consider the  
11 comments of the governor in the Secretary’s evaluation of  
12 whether the project presents an unacceptable risk to the  
13 national security of the United States and shall include  
14 the comments with the determination provided to the Sec-  
15 retary of Transportation pursuant to section 44718(f) of  
16 title 49.

17 “(4) The Clearinghouse shall develop, in coordination  
18 with other departments and agencies of the Federal Gov-  
19 ernment, an integrated review process to ensure timely no-  
20 tification and consideration of energy projects filed with  
21 the Secretary of Transportation pursuant to section 44718  
22 of title 49 that may have an adverse impact on military  
23 operations and readiness.

24 “(5) The Clearinghouse shall establish procedures for  
25 the Department of Defense for the coordinated consider-

1 ation of and response to a request for a review received  
2 from another Federal agency, a State government, an In-  
3 dian tribal government, a local government, a landowner,  
4 or the developer of an energy project, including guidance  
5 to personnel at each military installation in the United  
6 States on how to initiate such procedures and ensure a  
7 coordinated Department response.

8       “(6) The Clearinghouse shall develop procedures for  
9 conducting early outreach to parties carrying out energy  
10 projects that could have an adverse impact on military op-  
11 erations and readiness and to clearly communicate to such  
12 parties actions being taken by the Department of Defense  
13 under this section. The procedures shall provide for filing  
14 by such parties of a project area and preliminary project  
15 layout at least one year before expected construction of  
16 any project proposed within a military training route or  
17 within line-of-sight of any air route surveillance radar or  
18 airport surveillance radar operated or used by the Depart-  
19 ment of Defense in order to provide adequate time for  
20 analysis and negotiation of mitigation options. Material  
21 marked as proprietary or competition sensitive by a party  
22 filing for this preliminary review shall be protected from  
23 public release by the Department of Defense.

24       “(d) COMPREHENSIVE REVIEW.—(1) The Secretary  
25 of Defense shall develop a comprehensive strategy for ad-

1 dressing the military impacts of projects filed with the  
2 Secretary of Transportation pursuant to section 44718 of  
3 title 49.

4 “(2) In developing the strategy required by para-  
5 graph (1), the Secretary shall—

6 “(A) assess of the magnitude of interference  
7 posed by projects filed with the Secretary of Trans-  
8 portation pursuant to section 44718 of title 49;

9 “(B) for the purpose of informing preliminary  
10 reviews under subsection (c)(1) and early outreach  
11 efforts under subsection (c)(5), identify geographic  
12 areas selected as proposed locations for projects  
13 filed, or which may be filed in the future, with the  
14 Secretary of Transportation pursuant to section  
15 44718 of title 49 where such projects could have an  
16 adverse impact on military operations and readiness  
17 and categorize the risk of adverse impact in such  
18 areas; and

19 “(C) specifically identify feasible and affordable  
20 long-term actions that may be taken to mitigate ad-  
21 verse impacts of projects filed, or which may be filed  
22 in the future, with the Secretary of Transportation  
23 pursuant to section 44718 of title 49, on military  
24 operations and readiness, including—

1           “(i) investment priorities of the Depart-  
2           ment of Defense with respect to research and  
3           development;

4           “(ii) modifications to military operations to  
5           accommodate applications for such projects;

6           “(iii) recommended upgrades or modifica-  
7           tions to existing systems or procedures by the  
8           Department of Defense;

9           “(iv) acquisition of new systems by the De-  
10          partment and other departments and agencies  
11          of the Federal Government and timelines for  
12          fielding such new systems; and

13          “(v) modifications to the projects for which  
14          such applications are filed, including changes in  
15          size, location, or technology.

16          “(e) DEPARTMENT OF DEFENSE DETERMINATION  
17          OF UNACCEPTABLE RISK.—(1) The Secretary of Defense  
18          may not object to an energy project filed with the Sec-  
19          retary of Transportation pursuant to section 44718 of title  
20          49, except in a case in which the Secretary of Defense  
21          determines, after giving full consideration to mitigation  
22          actions identified pursuant to this section, that such  
23          project, in isolation or cumulatively with other projects,  
24          would result in an unacceptable risk to the national secu-

1 rity of the United States. Such a determination shall con-  
2 stitute a finding pursuant to section 44718(f) of title 49.

3       “(2)(A) Not later than 30 days after making a deter-  
4 mination of unacceptable risk under paragraph (1), the  
5 Secretary of Defense shall submit to the congressional de-  
6 fense committees a report on such determination and the  
7 basis for such determination. Such report shall include an  
8 explanation of the operational impact that led to the deter-  
9 mination, a discussion of the mitigation options consid-  
10 ered, and an explanation of why the mitigation options  
11 were not feasible or did not resolve the conflict. The Sec-  
12 retary of Defense may provide public notice through the  
13 Federal Register of the determination.

14       “(B) The Secretary of Defense shall notify the appro-  
15 priate State agency of a determination made under para-  
16 graph (1).

17       “(3) The Secretary of Defense may only delegate the  
18 responsibility for making a determination of unacceptable  
19 risk under paragraph (1) to the Deputy Secretary of De-  
20 fense, an under secretary of defense, or a deputy under  
21 secretary of defense.

22       “(f) AUTHORITY TO ACCEPT CONTRIBUTIONS OF  
23 FUNDS.—The Secretary of Defense is authorized to re-  
24 quest and accept a voluntary contribution of funds from  
25 an applicant for a project filed with the Secretary of

1 Transportation pursuant to section 44718 of title 49.  
2 Amounts so accepted shall remain available until expended  
3 for the purpose of offsetting the cost of measures under-  
4 taken by the Secretary of Defense to mitigate adverse im-  
5 pacts of such a project on military operations and readi-  
6 ness or to conduct studies of potential measures to miti-  
7 gate such impacts.

8 “(g) EFFECT OF DEPARTMENT OF DEFENSE HAZ-  
9 ARD ASSESSMENT.—An action taken pursuant to this sec-  
10 tion shall not be considered to be a substitute for any as-  
11 sessment or determination required of the Secretary of  
12 Transportation under section 44718 of title 49.

13 “(h) SAVINGS CLAUSE.—Nothing in this section shall  
14 be construed to affect or limit the application of, or any  
15 obligation to comply with, any environmental law, includ-  
16 ing the National Environmental Policy Act of 1969 (42  
17 U.S.C. 4321 et seq.).

18 “(i) DEFINITIONS.—In this section:

19 “(1) The term ‘adverse impact on military oper-  
20 ations and readiness’ means any adverse impact  
21 upon military operations and readiness, including  
22 flight operations, research, development, testing, and  
23 evaluation, and training, that is demonstrable and is  
24 likely to impair or degrade the ability of the armed  
25 forces to perform their warfighting missions.

1           “(2) The term ‘energy project’ means a project  
2 that provides for the generation or transmission of  
3 electrical energy.

4           “(3) The term ‘landowner’ means a person that  
5 owns a fee interest in real property on which a pro-  
6 posed energy project is planned to be located.

7           “(4) The term ‘military installation’ has the  
8 meaning given that term in section 2801(c)(4) of  
9 this title.

10           “(5) The term ‘military readiness’ includes any  
11 training or operation that could be related to combat  
12 readiness, including testing and evaluation activities.

13           “(6) The term ‘military training route’ means a  
14 training route developed as part of the Military  
15 Training Route Program, carried out jointly by the  
16 Federal Aviation Administration and the Secretary  
17 of Defense, for use by the armed forces for the pur-  
18 pose of conducting low-altitude, high-speed military  
19 training.

20           “(7) The term ‘unacceptable risk to the na-  
21 tional security of the United States’ means the con-  
22 struction, alteration, establishment, or expansion, or  
23 the proposed construction, alteration, establishment,  
24 or expansion, of a structure or sanitary landfill that  
25 would—

1           “(A) significantly endanger safety in air  
2 commerce, related to the activities of the De-  
3 partment of Defense;

4           “(B) significantly interfere with the effi-  
5 cient use and preservation of the navigable air-  
6 space and of airport traffic capacity at public-  
7 use airports, related to the activities of the De-  
8 partment of Defense; or

9           “(C) significantly impair or degrade the  
10 capability of the Department of Defense to con-  
11 duct training, research, development, testing,  
12 and evaluation, and operations or to maintain  
13 military readiness.”.

14 (b) CONFORMING AND CLERICAL AMENDMENTS.—

15           (1) REPEAL OF EXISTING PROVISION.—Section  
16 358 of the Ike Skelton National Defense Authoriza-  
17 tion Act for Fiscal Year 2011 (49 U.S.C. 44718  
18 note) is repealed.

19           (2) CROSS-REFERENCE IN TITLE 49, UNITED  
20 STATES CODE.—Section 44718(f) of title 49, United  
21 States Code, is amended by inserting “and in ac-  
22 cordance with section 183a(e) of title 10” after  
23 “conducted under subsection (b)”.

24           (3) REFERENCE TO REGULATIONS.—Section  
25 44718(g) of title 49, United States Code, is amend-

1 ed by striking “211.3 of title 32, Code of Federal  
2 Regulations, as in effect on January 6, 2014” both  
3 places it appears and inserting “183a(i) of title 10”.

4 (4) TABLE OF SECTIONS AMENDMENT.—The  
5 table of sections at the beginning of chapter 7 of  
6 title 10 is amended by inserting after the item relat-  
7 ing to section 183 the following new item:

“183a. Defense Siting Clearinghouse for review of mission obstructions.”.

8 (c) APPLICABILITY OF EXISTING RULES AND REGU-  
9 LATIONS.—Notwithstanding the amendments made by  
10 subsection (a), any rule or regulation promulgated to carry  
11 out section 358 of the Ike Skelton National Defense Au-  
12 thorization Act for Fiscal Year 2011 (49 U.S.C. 44718  
13 note), that is in effect on the day before the date of the  
14 enactment of this Act shall continue in effect and apply  
15 to the extent such rule or regulation is consistent with the  
16 authority under section 183a of title 10, United States  
17 Code, as added by subsection (a), until such rule or regu-  
18 lation is otherwise amended or repealed.

19 **SEC. 332. TEMPORARY INSTALLATION REUTILIZATION AU-**  
20 **THORITY FOR ARSENALS, DEPOTS, AND**  
21 **PLANTS.**

22 (a) MODIFIED AUTHORITY.—In the case of a military  
23 manufacturing arsenal, depot, or plant, the Secretary of  
24 the Army may authorize leases and contracts under sec-  
25 tion 2667 of title 10, United States Code, for a term of

1 up to 25 years, notwithstanding subsection (b)(1) of such  
2 section, if the Secretary determines that a lease or con-  
3 tract of that duration will promote the national defense  
4 for the purpose of—

5           (1) helping to maintain the viability of the mili-  
6 tary manufacturing arsenal, depot, or plant and any  
7 military installations on which it is located;

8           (2) eliminating, or at least reducing, the cost of  
9 Government ownership of the military manufac-  
10 turing arsenal, depot, or plant, including the costs of  
11 operations and maintenance, the costs of environ-  
12 mental remediation, and other costs; and

13           (3) leveraging private investment at the military  
14 manufacturing arsenal, depot, or plant through long-  
15 term facility use contracts, property management  
16 contracts, leases, or other agreements that support  
17 and advance the preceding purposes.

18 (b) DELEGATION AND REVIEW PROCESS.—

19           (1) IN GENERAL.—The Secretary of the Army  
20 may delegate the authority provided by this section  
21 to the commander of the major subordinate com-  
22 mand of the Army that has responsibility for the  
23 military manufacturing arsenal, depot, or plant or, if  
24 part of a larger military installation, the installation  
25 as a whole. The commander may approve a lease or

1 contract under such authority on a case-by-case  
2 basis or a class basis.

3 (2) NOTICE OF APPROVAL.—Upon any approval  
4 of a lease or contract by a commander pursuant to  
5 a delegation of authority under paragraph (1), the  
6 commander shall notify the Army real property man-  
7 ager and Congress of the approval.

8 (3) REVIEW PERIOD.—Any lease or contract  
9 that is approved utilizing the delegation authority  
10 under paragraph (1) is subject to a 90-day hold pe-  
11 riod so that the Army real property manager may  
12 review the lease or contract pursuant to paragraph  
13 (4).

14 (4) DISPOSITION OF REVIEW.—If the Army real  
15 property manager disapproves of a contract or lease  
16 submitted for review under paragraph (3), the agree-  
17 ment shall be null and void upon transmittal by the  
18 real property manager to the delegating authority of  
19 a written disapproval, including a justification for  
20 such disapproval, within the 90-day hold period. If  
21 no such disapproval is transmitted within the 90-day  
22 hold period, the agreement shall be deemed ap-  
23 proved.

24 (5) APPROVAL OF REVISED AGREEMENT.—If,  
25 not later than 60 days after receiving a disapproval

1 under paragraph (4), the delegating authority sub-  
2 mits to the Army real property manager a new con-  
3 tract or lease that addresses the concerns of the  
4 Army real property manager outlined in such dis-  
5 approval, the new contract or lease shall be deemed  
6 approved unless the Army real property manager  
7 transmits to the delegating authority a disapproval  
8 of the new contract or lease within 30 days of such  
9 submission.

10 (c) **MILITARY MANUFACTURING ARSENAL, DEPOT,**  
11 **OR PLANT DEFINED.**—In this section, the term “military  
12 manufacturing arsenal, depot, or plant” means a Govern-  
13 ment-owned, Government-operated defense plant of the  
14 Army that manufactures weapons, weapon components, or  
15 both.

16 (d) **SUNSET.**—The authority under this section shall  
17 terminate at the close of September 30, 2020. Any con-  
18 tracts entered into on or before such date shall continue  
19 in effect according to their terms.

20 **SEC. 333. PILOT PROGRAM FOR OPERATION AND MAINTENANCE BUDGET PRESENTATION.**  
21

22 (a) **IN GENERAL.**—Along with the budget for fiscal  
23 years 2019, 2020, and 2021 submitted by the President  
24 pursuant to section 1105(a) of title 31, United States  
25 Code, the Secretary of Defense and the Secretaries of the

1 military departments shall submit to the Committees on  
2 Armed Services of the Senate and the House of Represent-  
3 atives an annex for the following Operation and Mainte-  
4 nance sub-activity groups (SAG):

5 (1) For the Army:

6 (A) SAG 111 – Maneuver Units.

7 (B) SAG 123 – Land Forces Depot Main-  
8 tenance.

9 (C) SAG 131 – Base Operations Support.

10 (D) SAG 322 – Flight Training.

11 (2) For the Navy:

12 (A) SAG 1A5A – Aircraft Depot Mainte-  
13 nance.

14 (B) SAG 1B1B – Mission and Other Ship  
15 Operations.

16 (C) SAG 1B4B – Ship Depot Mainte-  
17 nance.

18 (D) SAG BSS1 – Base Operating Support.

19 (3) For the Marine Corps:

20 (A) SAG 1A1A – Operational Forces.

21 (B) SAG 1A3A – Depot Maintenance.

22 (C) SAG 1B1B – Field Logistics.

23 (D) SAG BSS1 – Base Operating Support.

24 (4) For the Air Force:

25 (A) SAG 011A – Primary Combat Forces.

1 (B) SAG 011Y – Flying Hour Program.

2 (C) SAG 011Z – Base Support.

3 (D) SAG 021M – Depot Maintenance.

4 (b) ELEMENTS.—The annex required under sub-  
5 section (a) shall include the following elements:

6 (1) A summary by appropriation account with  
7 subtotals for Department of Defense components.

8 (2) A summary of each appropriation account  
9 by budget activity, activity group, and sub-activity  
10 group with budget activity and activity group sub-  
11 totals and an appropriation total.

12 (3) A detailed sub-activity group by program  
13 element and expense aggregate listing in budget ac-  
14 tivity and activity group sequence.

15 (4) A rollup document by sub-activity group  
16 with accompanying program element funding with  
17 the PB-61 program element tags included.

18 (5) A summary of each depot maintenance fa-  
19 cility with information on workload, work force,  
20 sources of funding, and expenses similar to the ex-  
21 hibit on Mission Funded Naval Shipyards included  
22 with the 2012 Navy Budget Justification.

23 (6) A summary of contractor logistics support  
24 for each program element, including a measure of  
25 workload and unit cost.

1 (c) **FORMATTING.**—The annex required under sub-  
2 section (a) shall be formatted in accordance with relevant  
3 Department of Defense financial management regulations  
4 that provide guidance for budget submissions to Congress.

5 **SEC. 334. SERVICEWOMEN'S COMMEMORATIVE PARTNER-**  
6 **SHIPS.**

7 (a) **IN GENERAL.**—The Secretary of Defense may  
8 provide not more than \$5,000,000 in financial support for  
9 the acquisition, installation, and maintenance of exhibits,  
10 facilities, historical displays, and programs at military  
11 service memorials and museums that highlight the role of  
12 women in the military. The Secretary may enter into a  
13 contract, partnership, or grant with a non-profit organiza-  
14 tion for the purpose of performing such acquisition, instal-  
15 lation, and maintenance.

16 (b) **PURPOSES.**—The contracts, partnerships, or  
17 grants shall be limited to serving the purposes of—

18 (1) preserving the history of the 3,000,000  
19 women who have served in the United States Armed  
20 Forces;

21 (2) managing an archive of artifacts, historic  
22 memorabilia, and documents related to service-  
23 women;

24 (3) maintaining a women veterans' oral history  
25 program; and

1           (4) conducting other educational programs re-  
2           lated to women in service.

3 **SEC. 335. AUTHORITY FOR AGREEMENTS TO REIMBURSE**  
4           **STATES FOR COSTS OF SUPPRESSING**  
5           **WILDFIRES ON STATE LANDS CAUSED BY DE-**  
6           **PARTMENT OF DEFENSE ACTIVITIES UNDER**  
7           **LEASES AND OTHER GRANTS OF ACCESS TO**  
8           **STATE LANDS.**

9           Section 2691 of title 10, United States Code, is  
10          amended by adding at the end the following new sub-  
11          section:

12          “(d) The Secretary of Defense may, in any lease, per-  
13          mit, license, or other grant of access for use of lands  
14          owned by a State, agree to reimburse the State for the  
15          reasonable costs of the State in suppressing wildland fires  
16          caused by the activities of the Department of Defense  
17          under such lease, permit, license, or other grant of ac-  
18          cess.”.

19 **SEC. 336. REPURPOSING AND REUSE OF SURPLUS ARMY**  
20           **FIREARMS.**

21          (a) **REQUIRED TRANSFER.**—Not later than 90 days  
22          after the date of the enactment of this Act, and subject  
23          to subsection (c), the Secretary of the Army shall transfer  
24          to Rock Island Arsenal all excess firearms, related spare  
25          parts and components, small arms ammunition, and am-

1 munition components currently stored at Defense Dis-  
2 tribution Depot, Anniston, Alabama, that are no longer  
3 actively issued for military service and that are otherwise  
4 prohibited from commercial sale, or distribution, under  
5 Federal law.

6 (b) REPURPOSING AND REUSE.—The items specified  
7 for transfer under subsection (a) shall be melted and  
8 repurposed for military use as determined by the Sec-  
9 retary of the Army, including—

10 (1) the reforging of new firearms or their com-  
11 ponents; and

12 (2) force protection barriers and security  
13 bollards.

14 (c) ITEMS EXEMPT FROM TRANSFER.—M–1 Garand,  
15 caliber .45 M1911/M1911A1 pistols, and caliber .22 rim-  
16 fire rifles are not subject to the transfer requirement  
17 under subsection (a).

18 **SEC. 337. DEPARTMENT OF THE NAVY MARKSMANSHIP**  
19 **AWARDS.**

20 Section 40728 of title 36, United States Code, is  
21 amended by adding at the end the following new sub-  
22 section:

23 “(i) AUTHORIZED NAVY TRANSFERS.—(1) Notwith-  
24 standing subsections (a) and (b), the Secretary of the  
25 Navy may transfer to the corporation, in accordance with

1 the procedures prescribed in this subchapter, M–1 Garand  
2 and caliber .22 rimfire rifles held within the inventories  
3 of the United States Navy and the United States Marine  
4 Corps and stored at Defense Distribution Depot, Annis-  
5 ton, Alabama, or Naval Surface Warfare Center, Crane,  
6 Indiana, as of the date of the enactment of the National  
7 Defense Authorization Act for Fiscal Year 2018.

8 “(2) The items specified for transfer under para-  
9 graph (1) shall be used as awards for competitors in  
10 marksmanship competitions held by the United States Ma-  
11 rine Corps or the United States Navy and may not be  
12 resold.”.

## 13 **Subtitle E—Energy and** 14 **Environment**

### 15 **SEC. 341. AUTHORITY TO CARRY OUT ENVIRONMENTAL** 16 **RESTORATION ACTIVITIES AT NATIONAL** 17 **GUARD AND RESERVE LOCATIONS.**

18 Section 2701(a) of title 10, United States Code, is  
19 amended by adding at the end the following new para-  
20 graph:

21 “(5) AUTHORITY TO CARRY OUT ACTIVITIES AT  
22 NATIONAL GUARD AND RESERVE LOCATIONS.—The  
23 Secretary may carry out activities under this section  
24 at National Guard and Reserve locations.”.

1 **SEC. 342. SPECIAL CONSIDERATIONS FOR ENERGY PER-**  
2 **FORMANCE GOALS.**

3 Section 2911(c) of title 10, United States Code, is  
4 amended—

5 (1) in paragraph (1), by inserting “and to re-  
6 duce the future demand and the requirements for  
7 the use of energy” after “consumption of energy”;

8 (2) in paragraph (2), by striking “to reduce the  
9 future demand and the requirements for the use of  
10 energy” and inserting “to enhance energy resilience  
11 to ensure the Department of Defense has the ability  
12 to prepare for and recover from energy disruptions  
13 that impact mission assurance on military installa-  
14 tions”; and

15 (3) by adding at the end the following new  
16 paragraph:

17 “(13) Opportunities to leverage third-party fi-  
18 nancing to address installation energy needs.”.

19 **SEC. 343. CENTERS FOR DISEASE CONTROL STUDY ON**  
20 **HEALTH IMPLICATIONS OF PER- AND**  
21 **POLYFLUOROALKYL SUBSTANCES CONTAMI-**  
22 **NATION IN DRINKING WATER.**

23 (a) IN GENERAL.—The Secretary of Health and  
24 Human Services, acting through the Centers for Disease  
25 Control and Prevention and the Agency for Toxic Sub-

1 stances and Disease Registry and in consultation with the  
2 Department of Defense, shall—

3           (1) commence a study on the human health im-  
4           plications of per- and polyfluoroalkyl substances  
5           (PFAS) contamination in drinking water, ground  
6           water, and any other sources of water and relevant  
7           exposure vectors, including the cumulative human  
8           health implications of multiple types of PFAS con-  
9           tamination at levels above and below health advisory  
10          levels;

11          (2) not later than 5 years after the date of en-  
12          actment of this Act (or 7 years after such date of  
13          enactment after providing notice to the appropriate  
14          congressional committees of the need for the  
15          delay)—

16                (A) complete such study and make any ap-  
17                propriate recommendations; and

18                (B) submit a report to the appropriate  
19                congressional committees on the results of such  
20                study; and

21          (3) not later than one year after the date of the  
22          enactment of this Act, and annually thereafter until  
23          submission of the report under paragraph (2)(B),  
24          submit to the appropriate congressional committees  
25          a report on the progress of the study.

1 (b) AUTHORIZATION OF APPROPRIATIONS.—

2 (1) AUTHORIZATION.—There is authorized to  
3 be appropriated \$7,000,000 to carry out this section.

4 (2) OFFSET.—The amount authorized to be ap-  
5 propriated for fiscal year 2018 for the Department  
6 of Defense by section 301 for operation and mainte-  
7 nance is hereby reduced by \$7,000,000, with the  
8 amount of such decrease to be allocated to operation  
9 and maintenance, Navy, SAG BSIT, as specified in  
10 the funding tables in section 4301.

11 (c) APPROPRIATE CONGRESSIONAL COMMITTEES DE-  
12 FINED.—In this section, the term “appropriate congres-  
13 sional committees” means—

14 (1) the congressional defense committees;

15 (2) the Committee on Health, Education, Labor,  
16 and Pensions and the Committee on Veterans’ Af-  
17 fairs of the Senate; and

18 (3) the Committee on Energy and Commerce  
19 and the Committee on Veterans’ Affairs of the  
20 House of Representatives.

21 **SEC. 344. ENVIRONMENTAL OVERSIGHT AND REMEDIATION**

22 **AT RED HILL BULK FUEL STORAGE FACILITY.**

23 (a) SENSE OF CONGRESS.—It is the sense of Con-  
24 gress that—

1           (1) the Red Hill Bulk Fuel Storage Facility lo-  
2 cated on Oahu, Hawaii is a national strategic asset  
3 that—

4           (A) supports combatant commander the-  
5 ater security requirements;

6           (B) supports contingency operations;

7           (C) provides essential and timely support  
8 to the United States and allies' military mobili-  
9 zations and disaster response efforts in the  
10 Indo-Asia-Pacific and around the world; and

11           (D) is routinely used to support normal  
12 transit of Navy and Air Force movements in  
13 the region;

14           (2) the facility in its current form cannot be  
15 replicated anywhere else in the world;

16           (3) moving the fuel to another storage facility  
17 in the Indo-Asia-Pacific would have implications for  
18 the United States military force structure in the  
19 State of Hawaii and put at risk billions of dollars in  
20 annual economic activity that the Armed Forces  
21 bring to the State of Hawaii;

22           (4) if the facility were closed, the United States  
23 Armed Forces would be unable to support the Na-  
24 tional Military Strategy, including the goals of the

1 United States Pacific Commander, and national se-  
2 curity interests would be significantly undermined;

3 (5) constant vigilance is required to ensure that  
4 facility degradation and fuel leaks do not pose a  
5 threat to the people of Hawaii, especially the drink-  
6 ing water on Oahu; and

7 (6) despite its importance, the facility continues  
8 to face long-term challenges without robust and con-  
9 sistent funding that provides the Navy and the De-  
10 fense Logistics Agency with the resources needed to  
11 improve the tanks and associated infrastructure.

12 (b) BUDGET SUBMISSIONS.—

13 (1) ANNUAL BUDGET JUSTIFICATION.—The  
14 Secretary of Defense, in consultation with the Sec-  
15 retary of the Navy, shall ensure that the budget jus-  
16 tification materials submitted to Congress in support  
17 of the Department of Defense budget for any fiscal  
18 year (as submitted with the budget of the President  
19 under section 1105(a) of title 31, United States  
20 Code) includes a description of how the Department  
21 will use funds to support any deliverables that the  
22 parties of the Administrative Order on Consent/  
23 Statement of Work have identified as necessary to  
24 mitigate and prevent fuel leaks at the Red Hill Bulk  
25 Fuel Storage Facility on Oahu, Hawaii.

1           (2) FUTURE YEARS DEFENSE BUDGET.—The  
2       Secretary of Defense, in consultation with the Sec-  
3       retary of the Navy, shall ensure that each future-  
4       years defense program submitted to Congress under  
5       section 221 of title 10, United States Code, de-  
6       scribes how the Department will use funds to sup-  
7       port any deliverables that the parties of the Admin-  
8       istrative Order on Consent/Statement of Work have  
9       identified as necessary to mitigate and prevent fuel  
10      leaks at the Red Hill Bulk Fuel Storage Facility on  
11      Oahu, Hawaii, in the period covered by the future-  
12      years defense program.

13      (c) ADMINISTRATIVE ORDER ON CONSENT/STATE-  
14      MENT OF WORK DEFINED.—In this section, the term  
15      “Administrative Order on Consent/Statement of Work”  
16      means a legally enforceable agreement between the United  
17      States Department of the Navy (Navy), the Defense Lo-  
18      gistics Agency (DLA), the United States Environmental  
19      Protection Agency (EPA), Region 9, and the State of Ha-  
20      waii Department of Health (DOH) that the parties volun-  
21      tarily entered into on September 28, 2015 [EPA DKT  
22      NO. RCRA 7003–R9–2015–01/DOH DKT NO. 15–  
23      UST–EA–01].

1                   **TITLE IV—MILITARY**  
2           **PERSONNEL AUTHORIZATIONS**  
3                   **Subtitle A—Active Forces**

4   **SEC. 401. END STRENGTHS FOR ACTIVE FORCES.**

5           The Armed Forces are authorized strengths for active  
6 duty personnel as of September 30, 2018, as follows:

- 7                   (1) The Army, 481,000.  
8                   (2) The Navy, 327,900.  
9                   (3) The Marine Corps, 186,000.  
10                  (4) The Air Force, 325,100.

11                   **Subtitle B—Reserve Forces**

12   **SEC. 411. END STRENGTHS FOR SELECTED RESERVE.**

13           (a) IN GENERAL.—The Armed Forces are authorized  
14 strengths for Selected Reserve personnel of the reserve  
15 components as of September 30, 2018, as follows:

- 16                   (1) The Army National Guard of the United  
17 States, 343,500.  
18                   (2) The Army Reserve, 199,500.  
19                   (3) The Navy Reserve, 59,000.  
20                   (4) The Marine Corps Reserve, 38,500.  
21                   (5) The Air National Guard of the United  
22 States, 106,600.  
23                   (6) The Air Force Reserve, 69,800.  
24                   (7) The Coast Guard Reserve, 7,000.

1       (b) END STRENGTH REDUCTIONS.—The end  
2 strengths prescribed by subsection (a) for the Selected Re-  
3 serve of any reserve component shall be proportionately  
4 reduced by—

5           (1) the total authorized strength of units orga-  
6 nized to serve as units of the Selected Reserve of  
7 such component which are on active duty (other  
8 than for training) at the end of the fiscal year; and

9           (2) the total number of individual members not  
10 in units organized to serve as units of the Selected  
11 Reserve of such component who are on active duty  
12 (other than for training or for unsatisfactory partici-  
13 pation in training) without their consent at the end  
14 of the fiscal year.

15       (c) END STRENGTH INCREASES.—Whenever units or  
16 individual members of the Selected Reserve of any reserve  
17 component are released from active duty during any fiscal  
18 year, the end strength prescribed for such fiscal year for  
19 the Selected Reserve of such reserve component shall be  
20 increased proportionately by the total authorized strengths  
21 of such units and by the total number of such individual  
22 members.

1 **SEC. 412. END STRENGTHS FOR RESERVES ON ACTIVE**  
2 **DUTY IN SUPPORT OF THE RESERVES.**

3 Within the end strengths prescribed in section  
4 411(a), the reserve components of the Armed Forces are  
5 authorized, as of September 30, 2018, the following num-  
6 ber of Reserves to be serving on full-time active duty or  
7 full-time duty, in the case of members of the National  
8 Guard, for the purpose of organizing, administering, re-  
9 cruiting, instructing, or training the reserve components:

10 (1) The Army National Guard of the United  
11 States, 30,155.

12 (2) The Army Reserve, 16,261.

13 (3) The Navy Reserve, 10,101.

14 (4) The Marine Corps Reserve, 2,261.

15 (5) The Air National Guard of the United  
16 States, 16,260.

17 (6) The Air Force Reserve, 3,588.

18 **SEC. 413. END STRENGTHS FOR MILITARY TECHNICIANS**  
19 **(DUAL STATUS).**

20 The minimum number of military technicians (dual  
21 status) as of the last day of fiscal year 2018 for the re-  
22 serve components of the Army and the Air Force (notwith-  
23 standing section 129 of title 10, United States Code) shall  
24 be the following:

25 (1) For the Army National Guard of the United  
26 States, 22,294.

1 (2) For the Army Reserve, 6,492.

2 (3) For the Air National Guard of the United  
3 States, 19,135.

4 (4) For the Air Force Reserve, 8,880.

5 **SEC. 414. FISCAL YEAR 2018 LIMITATION ON NUMBER OF**  
6 **NON-DUAL STATUS TECHNICIANS.**

7 (a) LIMITATIONS.—

8 (1) NATIONAL GUARD.—The number of non-  
9 dual status technicians employed by the National  
10 Guard as of September 30, 2018, may not exceed  
11 the following:

12 (A) For the Army National Guard of the  
13 United States, 0.

14 (B) For the Air National Guard of the  
15 United States, 0.

16 (2) ARMY RESERVE.—The number of non-dual  
17 status technicians employed by the Army Reserve as  
18 of September 30, 2018, may not exceed 0.

19 (3) AIR FORCE RESERVE.—The number of non-  
20 dual status technicians employed by the Air Force  
21 Reserve as of September 30, 2018, may not exceed  
22 0.

23 (b) NON-DUAL STATUS TECHNICIANS DEFINED.—In  
24 this section, the term “non-dual status technician” has the

1 meaning given that term in section 10217(a) of title 10,  
2 United States Code.

3 **SEC. 415. MAXIMUM NUMBER OF RESERVE PERSONNEL AU-**  
4 **THORIZED TO BE ON ACTIVE DUTY FOR**  
5 **OPERATIONAL SUPPORT.**

6 During fiscal year 2018, the maximum number of  
7 members of the reserve components of the Armed Forces  
8 who may be serving at any time on full-time operational  
9 support duty under section 115(b) of title 10, United  
10 States Code, is the following:

11 (1) The Army National Guard of the United  
12 States, 17,000.

13 (2) The Army Reserve, 13,000.

14 (3) The Navy Reserve, 6,200.

15 (4) The Marine Corps Reserve, 3,000.

16 (5) The Air National Guard of the United  
17 States, 16,000.

18 (6) The Air Force Reserve, 14,000.

19 **SEC. 416. NUMBER OF MEMBERS OF THE NATIONAL GUARD**  
20 **ON FULL-TIME DUTY IN SUPPORT OF THE RE-**  
21 **SERVES WITHIN THE NATIONAL GUARD BU-**  
22 **REAU.**

23 Within the personnel authorized by paragraphs (1)  
24 and (5) of section 412, the number of personnel under  
25 each such paragraph who may serve with the National

1 Guard Bureau may not exceed the number equal to six  
 2 percent of the number authorized by such paragraph.

3 **Subtitle C—Authorization of**  
 4 **Appropriations**

5 **SEC. 421. MILITARY PERSONNEL.**

6 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds  
 7 are hereby authorized to be appropriated for fiscal year  
 8 2018 for the use of the Armed Forces and other activities  
 9 and agencies of the Department of Defense for expenses,  
 10 not otherwise provided for, for military personnel, as spec-  
 11 ified in the funding table in section 4401.

12 (b) CONSTRUCTION OF AUTHORIZATION.—The au-  
 13 thorization of appropriations in subsection (a) supersedes  
 14 any other authorization of appropriations (definite or in-  
 15 definite) for such purpose for fiscal year 2018.

16 **TITLE V—MILITARY PERSONNEL**  
 17 **POLICY**

18 **Subtitle A—Officer Personnel**  
 19 **Policy**

20 **SEC. 501. CLARIFICATION OF BASELINES FOR AUTHORIZED**  
 21 **NUMBERS OF GENERAL AND FLAG OFFICERS**  
 22 **ON ACTIVE DUTY AND IN JOINT DUTY AS-**  
 23 **SIGNMENTS.**

24 (a) ACTIVE-DUTY BASELINE.—Subsection (h)(2) of  
 25 section 526 of title 10, United States Code, is amended

1 by striking “the lower of” and all that follows and insert-  
 2 ing “the statutory limit of general officers or flag officers  
 3 of that armed force under subsection (a).”.

4 (b) JOINT DUTY ASSIGNMENT BASELINE.—Sub-  
 5 section (i)(2) of such section is amended by striking “the  
 6 lower of” and all that follows and inserting “the statutory  
 7 limit on general officer and flag officer positions that are  
 8 joint duty assignments under subsection (b)(1).”.

9 **SEC. 502. AUTHORITY OF PROMOTION BOARDS TO REC-**  
 10 **COMMEND OFFICERS OF PARTICULAR MERIT**  
 11 **BE PLACED AT THE TOP OF THE PROMOTION**  
 12 **LIST.**

13 (a) AUTHORITY OF PROMOTION BOARDS TO REC-  
 14 COMMEND OFFICERS OF PARTICULAR MERIT BE PLACED  
 15 AT TOP OF PROMOTION LIST.—Section 616 of title 10,  
 16 United States Code, is amended by adding at the end the  
 17 following new subsection:

18 “(g)(1) In selecting the officers to be recommended  
 19 for promotion, a selection board may, when authorized by  
 20 the Secretary of the military department concerned, rec-  
 21 ommend officers of particular merit, from among those of-  
 22 ficers selected for promotion, to be placed at the top of  
 23 the promotion list promulgated by the Secretary under  
 24 section 624(a)(1) of this title.

1       “(2) The number of such officers placed at the top  
2 of the promotion list may not exceed the number equal  
3 to 20 percent of the maximum number of officers that the  
4 board is authorized to recommend for promotion in such  
5 competitive category. If the number determined under this  
6 subsection is less than one, the board may recommend one  
7 such officer.

8       “(3) No officer may be recommended to be placed  
9 at the top of the promotion list unless the officer receives  
10 the recommendation of at least a majority of the members  
11 of a board for such placement.

12       “(4) For the officers recommended to be placed at  
13 the top of the promotion list, the board shall recommend  
14 the order in which these officers should be promoted.”.

15       (b) OFFICERS OF PARTICULAR MERIT APPEARING AT  
16 TOP OF PROMOTION LIST.—Section 624(a)(1) of such  
17 title is amended by inserting “, except such officers of par-  
18 ticular merit who were approved by the President and rec-  
19 ommended by the board to be placed at the top of the  
20 promotion list under section 616(g) of this title as these  
21 officers shall be placed at the top of the promotion list  
22 in the order recommended by the board” after “officers  
23 on the active-duty list”.

1 **SEC. 503. CLARIFICATION TO EXCEPTION FOR REMOVAL OF**  
2 **OFFICERS FROM LIST OF OFFICERS REC-**  
3 **COMMENDED FOR PROMOTION AFTER 18**  
4 **MONTHS WITHOUT APPOINTMENT.**

5 Section 629(c)(3) of title 10, United States Code, is  
6 amended by striking “the Senate is not able to obtain the  
7 information necessary” and inserting “the military depart-  
8 ment concerned is not able to obtain and provide to the  
9 Senate the information the Senate requires”.

10 **SEC. 504. FLEXIBILITY IN PROMOTION OF OFFICERS TO PO-**  
11 **SITIONS OF STAFF JUDGE ADVOCATE TO THE**  
12 **COMMANDANT OF THE MARINE CORPS AND**  
13 **DEPUTY JUDGE ADVOCATE GENERAL OF THE**  
14 **NAVY.**

15 (a) STAFF JUDGE ADVOCATE TO COMMANDANT OF  
16 THE MARINE CORPS.—Section 5046(b) of title 10, United  
17 States Code, is amended—

18 (1) by inserting “(1)” after “(b)”; and

19 (2) by adding at the end the following new  
20 paragraph:

21 “(2) If the Secretary of the Navy elects to convene  
22 a selection board under section 611(a) of this title to con-  
23 sider eligible officers for selection to appointment as Staff  
24 Judge Advocate, the Secretary may, in connection with  
25 such consideration for selection—

1           “(A) treat any section in chapter 36 of this title  
2 referring to promotion to the next higher grade as  
3 if such section referred to promotion to a higher  
4 grade; and

5           “(B) waive section 619(a)(2) of this title if the  
6 Secretary determines that the needs of the Marine  
7 Corps require the waiver.”.

8           (b) DEPUTY JUDGE ADVOCATE GENERAL OF THE  
9 NAVY.—Section 5149(a) of such title is amended by add-  
10 ing at the end the following new paragraph:

11           “(3) If the Secretary of the Navy elects to convene  
12 a selection board under section 611(a) of this title to con-  
13 sider eligible officers for selection to appointment as Dep-  
14 uty Judge Advocate General, the Secretary may, in con-  
15 nection with such consideration for selection—

16           “(A) treat any section in chapter 36 of this title  
17 referring to promotion to the next higher grade as  
18 if such section referred to promotion to a higher  
19 grade; and

20           “(B) waive section 619(a)(2) of this title if the  
21 Secretary determines that the needs of the Navy re-  
22 quire the waiver.”.

1 **SEC. 505. REPEAL OF REQUIREMENT FOR SPECIFICATION**  
2 **OF NUMBER OF OFFICERS WHO MAY BE REC-**  
3 **COMMENDED FOR EARLY RETIREMENT BY A**  
4 **SELECTIVE EARLY RETIREMENT BOARD.**

5 Section 638a of title 10, United States Code, is  
6 amended—

7 (1) in subsection (c)—

8 (A) by striking paragraph (1); and

9 (B) by redesignating paragraphs (2)  
10 through (4) as paragraphs (1) through (3), re-  
11 spectively; and

12 (2) in subsection (d)—

13 (A) by striking paragraph (2); and

14 (B) by redesignating paragraphs (3) and  
15 (4) as paragraphs (2) and (3), respectively.

16 **SEC. 506. EXTENSION OF SERVICE-IN-GRADE WAIVER AU-**  
17 **THORITY FOR VOLUNTARY RETIREMENT OF**  
18 **CERTAIN GENERAL AND FLAG OFFICERS FOR**  
19 **PURPOSES OF ENHANCED FLEXIBILITY IN**  
20 **OFFICER PERSONNEL MANAGEMENT.**

21 Section 1370(a)(2)(G) of title 10, United States  
22 Code, is amended by striking “2017” and inserting  
23 “2025”.

1 **SEC. 507. INCLUSION OF PRINCIPAL MILITARY DEPUTY TO**  
2 **THE ASSISTANT SECRETARY OF THE ARMY**  
3 **FOR ACQUISITION, TECHNOLOGY, AND LOGIS-**  
4 **TICS AMONG OFFICERS SUBJECT TO REPEAL**  
5 **OF STATUTORY SPECIFICATION OF GENERAL**  
6 **OFFICER GRADE.**

7 Section 3016(b)(5)(B) of title 10, United States  
8 Code, is amended by striking “a lieutenant general” and  
9 inserting “an officer”.

10 **SEC. 508. CLARIFICATION OF EFFECT OF REPEAL OF STAT-**  
11 **UTORY SPECIFICATION OF GENERAL OR**  
12 **FLAG OFFICER GRADE FOR VARIOUS POSI-**  
13 **TIONS IN THE ARMED FORCES.**

14 (a) **RETENTION OF GRADE OF INCUMBENTS IN POSI-**  
15 **TIONS ON EFFECTIVE DATE.**—Effective as of December  
16 23, 2016, and as if included in the enactment of the Na-  
17 tional Defense Authorization Act for Fiscal Year 2017  
18 (Public Law 114–328) to which it relates, section 502 of  
19 that Act (130 Stat. 2102) is amended by adding at the  
20 end the following new subsection:

21 “(tt) **RETENTION OF GRADE OF INCUMBENTS IN PO-**  
22 **SITIONS ON EFFECTIVE DATE.**—The grade of service of  
23 an officer serving as of the date of the enactment of this  
24 Act in a position whose statutory grade is affected by an  
25 amendment made by this section may not be reduced after  
26 that date by reason of such amendment as long as the

1 officer remains in continuous service in such position after  
2 that date.”.

3 (b) CLARIFYING AMENDMENT TO CHIEF OF VETERI-  
4 NARY CORPS OF THE ARMY REPEAL.—Section 3084 of  
5 title 10, United States Code, is amended by striking the  
6 last sentence.

7 **SEC. 509. GRANDFATHERING OF RETIRED GRADE OF AS-**  
8 **SISTANT JUDGE ADVOCATES GENERAL OF**  
9 **THE NAVY AS OF REPEAL OF STATUTORY**  
10 **SPECIFICATION OF GENERAL AND FLAG OF-**  
11 **FICERS GRADES IN THE ARMED FORCES.**

12 (a) IN GENERAL.—Notwithstanding the amendments  
13 made by section 502(gg)(2) of the National Defense Au-  
14 thorization Act for Fiscal Year 2017 (Public Law 114–  
15 328), the officer holding a position specified in subsection  
16 (b) as of December 23, 2016, in the grade of rear admiral  
17 (lower half) or brigadier general, as applicable, may be re-  
18 tired after that date in such grade with the retired pay  
19 of such grade (unless entitled to higher pay under another  
20 provision of law).

21 (b) SPECIFIED POSITIONS.—The positions specified  
22 in this subsection are the following:

23 (1) The Assistant Judge Advocate General of  
24 the Navy provided for by section 5149(b) of title 10,  
25 United States Code.

1           (2) The Assistant Judge Advocate General of  
2           the Navy provided for by section 5149(c) of title 10,  
3           United States Code.

4 **SEC. 510. SERVICE CREDIT FOR CYBERSPACE EXPERIENCE**  
5                           **OR ADVANCED EDUCATION UPON ORIGINAL**  
6                           **APPOINTMENT AS A COMMISSIONED OFFI-**  
7                           **CER.**

8           (a) ORIGINAL APPOINTMENT AS A RESERVE OFFI-  
9 CER.—Section 12207 of title 10, United States Code, is  
10 amended—

11           (1) in subsection (a)(2), by inserting “or (e)”  
12           after “subsection (b)”;

13           (2) by redesignating subsections (e) and (f) as  
14           subsections (f) and (g), respectively;

15           (3) by inserting after subsection (d) the fol-  
16           lowing new subsection (e):

17           “(e)(1) Under regulations prescribed by the Secretary  
18 of Defense, if the Secretary of a military department de-  
19 termines that the number of commissioned officers with  
20 cyberspace-related experience or advanced education in re-  
21 serve active-status in an armed force under the jurisdic-  
22 tion of such Secretary is critically below the number need-  
23 ed, such Secretary may credit any person receiving an  
24 original appointment as a reserve commissioned officer  
25 with a period of constructive service for the following:

1           “(A) Special experience or training in a par-  
2           ticular cyberspace-related field if such experience or  
3           training is directly related to the operational needs  
4           of the armed force concerned.

5           “(B) Any period of advanced education in a  
6           cyberspace-related field beyond the baccalaureate de-  
7           gree level if such advanced education is directly re-  
8           lated to the operational needs of the armed force  
9           concerned.

10          “(2) Constructive service credited an officer under  
11          this subsection shall not exceed one year for each year of  
12          special experience, training, or advanced education, and  
13          not more than three years total constructive service may  
14          be credited.

15          “(3) Constructive service credited an officer under  
16          this subsection is in addition to any service credited that  
17          officer under subsection (a) and shall be credited at the  
18          time of the original appointment of the officer.

19          “(4) The authority to award constructive service  
20          credit under this subsection expires on December 31,  
21          2023.”; and

22                 (4) in subsection (f), as redesignated by para-  
23                 graph (2), by striking “or (d)” and inserting “, (d),  
24                 or (e)”.

1 (b) EXTENSION OF AUTHORITY IN CONNECTION  
2 WITH ORIGINAL APPOINTMENT OF REGULAR OFFI-  
3 CERS.—Section 533(g)(4) of such title is amended by  
4 striking “December 31, 2018” and inserting “December  
5 31, 2023”.

6 **SEC. 510A. AUTHORITY FOR OFFICERS TO OPT-OUT OF PRO-**  
7 **MOTION BOARD CONSIDERATION.**

8 (a) ACTIVE-DUTY LIST OFFICERS.—Section 619 of  
9 title 10, United States Code, is amended—

10 (1) in subsection (d), by adding at the end the  
11 following new paragraph:

12 “(6) An officer excluded under subsection (e).”;

13 and

14 (2) by adding at the end the following new sub-  
15 section:

16 “(e) AUTHORITY TO PERMIT OFFICERS TO OPT OUT  
17 OF SELECTION BOARD CONSIDERATION.—The Secretary  
18 of Defense may authorize the Secretary of a military de-  
19 partment to provide that an officer under the jurisdiction  
20 of that Secretary may, upon the officer’s request and with  
21 the approval of the Secretary concerned, be excluded from  
22 consideration by a selection board convened under section  
23 611(a) of this title to consider officers for promotion to  
24 the next higher grade. The Secretary concerned may only  
25 approve such a request if—

1           “(1) the basis for the request is to allow an of-  
2           ficer to complete a broadening assignment, advanced  
3           education, another assignment of significant value to  
4           the Department of Defense, or a career progression  
5           requirement delayed by the assignment of education;

6           “(2) the Secretary concerned determines the ex-  
7           clusion from consideration is in the best interest of  
8           the military department concerned; and

9           “(3) the officer has not previously failed of se-  
10          lection for promotion to the grade for which the offi-  
11          cer requests the exclusion from consideration.”.

12          (b) RESERVE ACTIVE-STATUS LIST OFFICERS.—Sec-  
13          tion 14301 of such title is amended—

14                 (1) in subsection (c)—

15                         (A) in the subsection heading, by striking  
16                         “PREVIOUSLY SELECTED OFFICERS NOT ELI-  
17                         GIBLE” and inserting “CERTAIN OFFICERS  
18                         NOT”; and

19                         (B) by adding at the end the following new  
20                         paragraph:

21                                 “(6) An officer excluded under subsection (j).”;

22          and

23                 (2) by adding at the end the following new sub-  
24                 section:

1       “(j) AUTHORITY TO PERMIT OFFICERS TO OPT OUT  
2 OF SELECTION BOARD CONSIDERATION.—The Secretary  
3 of Defense may authorize the Secretary of a military de-  
4 partment to provide that an officer under the jurisdiction  
5 of that Secretary may, upon the officer’s request and with  
6 the approval of the Secretary concerned, be excluded from  
7 consideration by a selection board convened under section  
8 14101(a) of this title to consider officers for promotion  
9 to the next higher grade. The Secretary concerned may  
10 only approve such a request if—

11           “(1) the basis for the request is to allow an of-  
12 ficer to complete a broadening assignment, advanced  
13 education, another assignment of significant value to  
14 the Department of Defense, or a career progression  
15 requirement delayed by the assignment or education;

16           “(2) the Secretary concerned determines the ex-  
17 clusion from consideration is in the best interest of  
18 the military department concerned; and

19           “(3) the officer has not previously failed of se-  
20 lection for promotion to the grade for which the offi-  
21 cer requests the exclusion from consideration.”.

1 **SEC. 510B. REAUTHORIZATION OF AUTHORITY TO ORDER**  
2 **RETIRED MEMBERS TO ACTIVE DUTY IN**  
3 **HIGH-DEMAND, LOW-DENSITY ASSIGNMENTS.**

4 Section 688a(f) of title 10, United States Code, is  
5 amended by striking “after December 21, 2011.” and in-  
6 serting “outside a period as follows:

7 “(1) The period beginning on December 2,  
8 2002, and ending on December 31, 2011.

9 “(2) The period beginning on the date of the  
10 enactment of the National Defense Authorization  
11 Act for Fiscal Year 2018 and ending on December  
12 31, 2022.”.

13 **Subtitle B—Reserve Component**  
14 **Management**

15 **SEC. 511. CONSOLIDATION OF AUTHORITIES TO ORDER**  
16 **MEMBERS OF THE RESERVE COMPONENTS**  
17 **OF THE ARMED FORCES TO PERFORM DUTY.**

18 Section 515 of the National Defense Authorization  
19 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.  
20 810) is amended—

21 (1) in the second sentence of subsection (b), by  
22 striking “such legislation as would be necessary to  
23 amend titles 10, 14, 32, and 37 of the United States  
24 Code and other provisions of law in order to imple-  
25 ment the Secretary’s approach by October 1, 2018”

1 and inserting “legislation implementing the alternate  
2 approach by April 30, 2019”; and

3 (2) by adding at the end the following new sub-  
4 section:

5 “(c) ATTRIBUTES OF ALTERNATE APPROACH.—The  
6 Secretary of Defense shall ensure the alternate approach  
7 described in subsection (b)—

8 “(1) reduces the number of statutory authori-  
9 ties by which members of the reserve components of  
10 the Armed Forces may be ordered to perform duty  
11 to not more than 8 statutory authorities grouped  
12 into 4 duty categories to which specific pay and ben-  
13 efits may be aligned, which categories shall in-  
14 clude—

15 “(A) one duty category that shall generally  
16 reflect active service performed in support of  
17 contingency type operations or other military  
18 actions in support of the commander of a com-  
19 batant command;

20 “(B) a second duty category that shall—

21 “(i) generally reflect active service not  
22 described in subparagraph (A); and

23 “(ii) consist of training, administra-  
24 tion, operational support, and full-time  
25 support of the reserve components;

1 “(C) a third duty category that shall—

2 “(i) generally reflect duty performed  
3 under direct military supervision while not  
4 in active service; and

5 “(ii) include duty characterized by  
6 partial-day service; and

7 “(D) a fourth duty category that shall—

8 “(i) generally reflect remote duty com-  
9 pleted while not under direct military su-  
10 pervision; and

11 “(ii) include completion of correspond-  
12 ence courses and telework;

13 “(2) distinguishes among duty performed under  
14 titles 10, 14, and 32, United States Code, and en-  
15 sures that the reasons the members of the reserve  
16 components are utilized under the statutory authori-  
17 ties which exist prior to the alternate approach are  
18 preserved and can be tracked as separate and dis-  
19 tinct purposes;

20 “(3) minimizes, to the maximum extent prac-  
21 ticable, disruptions in pay and benefits for members,  
22 and adheres to the principle that a member should  
23 receive pay and benefits commensurate with the na-  
24 ture and performance of the member’s duties;

1           “(4) ensures the Secretary has the flexibility to  
2           meet emerging requirements and to effectively man-  
3           age the force; and

4           “(5) aligns Department of Defense program-  
5           ming and budgeting to the types of duty members  
6           perform.”.

7   **SEC. 512. ESTABLISHMENT OF OFFICE OF COMPLEX INVES-**  
8                           **TIGATIONS WITHIN THE NATIONAL GUARD**  
9                           **BUREAU.**

10          (a) ESTABLISHMENT.—Chapter 1101 of title 10,  
11          United States Code, is amended by adding at the end the  
12          following new section:

13   **“§ 10509. Office of Complex Investigations**

14          “(a) IN GENERAL.—There is in the National Guard  
15          Bureau an Office of Complex Investigations (in this sec-  
16          tion referred to as the ‘Office’) under the authority, direc-  
17          tion, and control of the Chief of the National Guard Bu-  
18          reau.

19          “(b) DISPOSITION AND FUNCTIONS.—The Office  
20          shall be organized, trained, equipped, and managed to con-  
21          duct administrative investigations in order to assist the  
22          States in the organization, maintenance, and operation of  
23          the National Guard as follows:

24                 “(1) In investigations of allegations of sexual  
25                 assault involving members of the National Guard.

1           “(2) In investigations in circumstances involv-  
2           ing members of the National Guard in which other  
3           law enforcement agencies within the Department of  
4           Defense do not have, or have limited, jurisdiction or  
5           authority to investigate.

6           “(3) In investigations in such other cir-  
7           cumstances involving members of the National  
8           Guard as the Chief of the National Guard Bureau  
9           may direct.

10          “(c) SCOPE OF INVESTIGATIVE AUTHORITY.—Indi-  
11          viduals performing investigations described in subsection  
12          (b)(1) are authorized—

13                 “(1) to have access to all records, reports, au-  
14                 dits, reviews, documents, papers, recommendations,  
15                 or other material available to the applicable estab-  
16                 lishment which relate to programs and operations  
17                 with respect to the National Guard; and

18                 “(2) to request such information or assistance  
19                 as may be necessary for carrying out those duties  
20                 from any Federal, State, or local governmental agen-  
21                 cy or unit thereof.”.

22          (b) CLERICAL AMENDMENT.—The table of sections  
23          at the beginning of chapter 1101 of such title is amended  
24          by adding at the end the following new item:

“10509. Office of Complex Investigations.”.

1           **Subtitle C—General Service**  
2                           **Authorities**

3   **SEC. 516. REPORT ON POLICIES FOR REGULAR AND RE-**  
4                           **SERVE OFFICER CAREER MANAGEMENT.**

5           (a) REPORT REQUIRED.—Not later than March 1,  
6 2018, the Secretary of Defense shall submit to the Com-  
7 mittees on Armed Services of the Senate and the House  
8 of Representatives a report setting forth the results of a  
9 review, undertaken by the Secretary for purposes of the  
10 report, of the policies of the Department of Defense for  
11 the career management of regular and reserve officers of  
12 the Armed Forces pursuant to the Defense Officer Per-  
13 sonnel Management Act (commonly referred to as  
14 “DOPMA”) and the Reserve Officer Personnel Manage-  
15 ment Act (commonly referred to as “ROPMA”).

16           (b) ELEMENTS.—The report required by subsection  
17 (a) shall include recommendations for the following:

18                   (1) Mechanisms to increase the ability of offi-  
19 cers to repeatedly transition between active duty and  
20 reserve active-status throughout the course of their  
21 military careers.

22                   (2) Mechanisms to provide the Armed Forces  
23 additional flexibility in managing the populations of  
24 officers in the grades of major, lieutenant colonel,

1 and colonel and Navy grades of lieutenant com-  
2 mander, commander, and captain.

3 (3) Mechanisms to use the modernized retire-  
4 ment system provided by part I of subtitle D of title  
5 VI of the National Defense Authorization Act for  
6 Fiscal Year 2016 (Public Law 114–92) to encourage  
7 officers to pursue careers of lengths that vary from  
8 the traditional 20-year military career.

9 (4) Mechanisms to provide for alternative ca-  
10 reer tracks for officers that encourage and facilitate  
11 the recruitment and retention of officers with tech-  
12 nical expertise.

13 (5) Mechanisms for a career and promotion  
14 path for officers in cyber-related specialties.

15 (6) Mechanism to ensure the officer corps does  
16 not become disproportionately weighted toward offi-  
17 cers serving in the grades of major, lieutenant colo-  
18 nel, and colonel and Navy grades of lieutenant com-  
19 mander, commander, and captain.

20 (7) Any other mechanisms or matters the Sec-  
21 retary considers appropriate to improve the effective  
22 recruitment, management, and retention of regular  
23 and reserve officers of the Armed Forces.

24 (c) SCOPE OF REPORT.—If any recommendation of  
25 the Secretary in the report required by subsection (a) re-

1 quires legislative or administrative action for implementa-  
2 tion, the report shall include a proposal for legislative ac-  
3 tion, or a description of administrative action, as applica-  
4 ble, to implement such recommendation.

5 **SEC. 517. RESPONSIBILITY OF CHIEFS OF STAFF OF THE**  
6 **ARMED FORCES FOR STANDARDS AND QUALI-**  
7 **FICATIONS FOR MILITARY SPECIALTIES**  
8 **WITHIN THE ARMED FORCES.**

9 (a) IN GENERAL.—Except as provided in subsection  
10 (d), responsibility within an Armed Force for establishing,  
11 approving, and modifying the criteria, standards, and  
12 qualifications for military speciality codes within that  
13 Armed Force shall be vested solely in the Chief of Staff  
14 of that Armed Force.

15 (b) MILITARY SPECIALTY CODES.—For purposes of  
16 this section, a military specialty code is as follows:

17 (1) A Military Occupational Speciality Code  
18 (MOS) and any other military specialty or military  
19 occupational specialty of the Army, in the case of  
20 the Army.

21 (2) A Naval Enlisted Code (NEC), Unrestricted  
22 Duty code, Restricted Duty code, Restricted Line  
23 duty code, Staff Corps code, Limited Duty code,  
24 Warrant Officer code, and any other military spe-

1 specialty or military occupational specialty of the Navy,  
2 in the case of the Navy.

3 (3) An Air Force Specialty Code (AFSC) and  
4 any other military specialty or military occupational  
5 specialty of the Air Force, in the case of the Air  
6 Force.

7 (4) A Military Occupational Speciality Code  
8 (MOS) and any other military specialty or military  
9 occupational specialty of the Marine Corps, in the  
10 case of the Marine Corps.

11 (c) CHIEF OF STAFF FOR MARINE CORPS.—For pur-  
12 poses of this section, the Commandant of the Marine  
13 Corps shall be deemed to be the Chief of Staff of the Ma-  
14 rine Corps.

15 (d) GENDER INTEGRATION.—Nothing in this section  
16 shall be construed to terminate, alter, or revise the author-  
17 ity of the Secretary of Defense to establish, approve, mod-  
18 ify, or otherwise regulate gender-based criteria, standards,  
19 and qualifications for military specialties within the  
20 Armed Forces.

1 **SEC. 518. CONFIDENTIAL REVIEW OF CHARACTERIZATION**  
 2 **OF TERMS OF DISCHARGE OF MEMBERS OF**  
 3 **THE ARMED FORCES WHO ARE SURVIVORS**  
 4 **OF SEXUAL ASSAULT.**

5 (a) CODIFICATION OF CURRENT CONFIDENTIAL  
 6 PROCESS.—

7 (1) CODIFICATION.—Chapter 79 of title 10,  
 8 United States Code, is amended by inserting after  
 9 section 1554a a new section 1554b consisting of—

10 (A) a heading as follows:

11 **“§ 1554b. Confidential review of characterization of**  
 12 **terms of discharge of members of the**  
 13 **armed forces who are survivors of sex-re-**  
 14 **lated offenses”;** and

15 (B) a text consisting of the text of section  
 16 547 of the Carl Levin and Howard P. “Buck”  
 17 McKeon National Defense Authorization Act  
 18 for Fiscal Year 2015 (Public Law 113–291;  
 19 128 Stat. 3375; 10 U.S.C. 1553 note).

20 (2) CLERICAL AMENDMENT.—The table of sec-  
 21 tions at the beginning of chapter 79 of such title is  
 22 amended by inserting after the item relating to sec-  
 23 tion 1554a the following new item:

“1554b. Confidential review of characterization of terms of discharge of mem-  
 bers of the armed forces who are survivors of sex-related of-  
 fenses.”.

1           (3) CONFORMING REPEAL.—Section 547 of the  
2           Carl Levin and Howard P. “Buck” McKeon Na-  
3           tional Defense Authorization Act for Fiscal Year  
4           2015 is repealed.

5           (b) TERMINOLOGY.—Subsection (a) of section 1554b  
6           of title 10, United States Code, as added by subsection  
7           (a) of this section, is amended by striking “victim” each  
8           place it appears and inserting “survivor”.

9           (c) CLARIFICATION OF APPLICABILITY TO INDIVID-  
10          UALS WHO ALLEGE THEY WERE A SURVIVOR OF A SEX-  
11          RELATED OFFENSE DURING MILITARY SERVICE.—Sub-  
12          section (a) of such section 1554b, as so added, is further  
13          amended by inserting after “sex-related offense” the fol-  
14          lowing: “, or alleges that the individual was the survivor  
15          of a sex-related offense,”.

16          (d) CONFORMING AMENDMENTS.—Such section  
17          1554b, as so added, is further amended—

18                 (1) by striking “Armed Forces” each place it  
19                 appears in subsections (a) and (b) and inserting  
20                 “armed forces”;

21                 (2) in subsection (a)—

22                         (A) by striking “boards for the correction  
23                         of military records of the military department  
24                         concerned” and inserting “boards of the mili-

1           tary department concerned established in ac-  
2           cordance with this chapter”; and

3                   (B) by striking “such an offense” and in-  
4           serting “a sex-related offense”;

5           (3) in subsection (b), by striking “boards for  
6           the correction of military records” and inserting  
7           “boards of the military department concerned estab-  
8           lished in accordance with this chapter”; and

9           (4) in subsection (d)—

10                   (A) in paragraph (1), by striking “title 10,  
11           United States Code” and inserting “this title”;  
12           and

13                   (B) in paragraphs (2) and (3), by striking  
14           “such title” and inserting “this title”.

15 **SEC. 519. IMPROVEMENTS TO CERTAIN AUTHORITIES AND**  
16                   **PROCEDURES OF DISCHARGE REVIEW**  
17                   **BOARDS.**

18           (a) **REPEAL OF 15-YEAR STATUTE OF LIMITATIONS**  
19 **ON MOTIONS OR REQUESTS FOR REVIEW.**—Subsection  
20 (a) of section 1553 of title 10, United States Code, is  
21 amended by striking the second sentence.

22           (b) **TELEPHONIC PRESENTATION OF EVIDENCE.**—  
23 Subsection (c) of such section is amended in the second  
24 sentence by striking “or by affidavit” and inserting “, by

1 affidavit, or by telephone or video conference (to the extent  
2 reasonable and technically feasible)”.

3 (c) EFFECTIVE DATE.—The amendments made by  
4 this section shall take effect on October 1, 2018.

5 **SEC. 520. PUBLIC AVAILABILITY OF INFORMATION RE-**  
6 **LATED TO DISPOSITION OF CLAIMS REGARD-**  
7 **ING DISCHARGE OR RELEASE OF MEMBERS**  
8 **OF THE ARMED FORCES WHEN THE CLAIMS**  
9 **INVOLVE SEXUAL ASSAULT.**

10 (a) BOARDS FOR THE CORRECTION OF MILITARY  
11 RECORDS.—Section 1552(h) of title 10, United States  
12 Code, is amended by adding at the end the following new  
13 paragraph:

14 “(4) The number and disposition of claims de-  
15 cided during the calendar quarter preceding the cal-  
16 endar quarter in which such information is made  
17 available in which sexual assault is alleged to have  
18 contributed, whether in whole or in part, to the  
19 original characterization of the discharge or release  
20 of the claimant.”.

21 (b) DISCHARGE REVIEW BOARDS.—Section 1553(f)  
22 of title 10, United States Code, is amended by adding at  
23 the end the following new paragraph:

24 “(4) The number and disposition of claims de-  
25 cided during the calendar quarter preceding the cal-

1       endar quarter in which such information is made  
 2       available in which sexual assault is alleged to have  
 3       contributed, whether in whole or in part, to the  
 4       original characterization of the discharge or release  
 5       of the former member.”.

## 6                   **Subtitle D—Military Justice** 7                                   **Matters**

### 8   **SEC. 521. REVISION TO MANUAL FOR COURTS-MARTIAL** 9                                   **WITH RESPECT TO DISSEMINATION OF VIS-** 10                                   **UAL DEPICTIONS OF PRIVATE AREAS OR SEX-** 11                                   **UALLY EXPLICIT CONDUCT WITHOUT THE** 12                                   **CONSENT OF THE PERSON DEPICTED.**

13       (a) REQUIREMENT TO ENUMERATE OFFENSE FOR  
 14   PURPOSES OF GENERAL PUNITIVE ARTICLE.—Not later  
 15   than 180 days after the date of the enactment of this Act,  
 16   part IV of the Manual for Courts-Martial shall be amend-  
 17   ed to include as an enumerated offense under section 934  
 18   of title 10, United States Code (article 134 of the Uniform  
 19   Code of Military Justice), the distribution of a visual de-  
 20   piction of the private area of a person or of sexually ex-  
 21   plicit conduct involving a person that was—

22                   (1) photographed, videotaped, filmed, or re-  
 23       corded by any means with the consent of such per-  
 24       son; and



1 ing “(the Uniform Code of Military Justice)” each  
2 place it appears as follows:

3 (A) In subsection (a)(1), in the matter pre-  
4 ceding subparagraph (A).

5 (B) In subsection (b), in the matter pre-  
6 ceding subparagraph (A).

7 (C) In subsection (d), in the matter pre-  
8 ceding paragraph (1).

9 (b) ARTICLE 6b.—Section 806b(e)(3) of title 10,  
10 United States Code (article 6b(e)(3) of the Uniform Code  
11 of Military Justice), is amended—

12 (1) by inserting after “President,” the fol-  
13 lowing: “subject to section 830a of this title (article  
14 30a).”;

15 (2) by striking “and, to the extent practicable,”  
16 and inserting “To the extent practicable, such a pe-  
17 tition”; and

18 (3) by striking “before the court.” and inserting  
19 “before the Court of Criminal Appeals.”.

20 (c) ARTICLE 30a.—Subsection (a)(1) of section 830a  
21 of title 10, United States Code (article 30a of the Uniform  
22 Code of Military Justice), as added by section 5202 of the  
23 National Defense Authorization Act for Fiscal Year 2017,  
24 is amended—

1           (1) in the matter preceding subparagraph (A),  
2           by inserting “, or otherwise act on,” after “to re-  
3           view”; and

4           (2) by adding at the end the following new sub-  
5           paragraph:

6           “(D) Pre-referral matters under subsections (c)  
7           and (e) of section 806b of this title (article 6b).”.

8           (d) ARTICLE 39.—Subsection (a)(4) of section 839  
9           of title 10, United States Code (article 39 of the Uniform  
10          Code of Military Justice), as amended by section 5222(1)  
11          of the National Defense Authorization Act for Fiscal Year  
12          2017, is amended by striking “in non-capital cases unless  
13          the accused requests sentencing by members under section  
14          825 of this title (article 25)” and inserting “under section  
15          853(b)(1) of this title (article 53(b)(1))”.

16          (e) ARTICLE 43.—Subsection (i) of section 843 of  
17          title 10, United States Code (article 43 of the Uniform  
18          Code of Military Justice), as added by section 5225(c) of  
19          the National Defense Authorization Act for Fiscal Year  
20          2017, is amended by striking “DNA EVIDENCE.—” and  
21          inserting “DNA EVIDENCE.—”.

22          (f) ARTICLE 48.—Subsection (c)(1) of section 848 of  
23          title 10, United States Code (article 48 of the Uniform  
24          Code of Military Justice), as amended by section 5230 of  
25          the National Defense Authorization Act for Fiscal Year

1 2017, is further amended by striking “section 866(g) of  
2 this title (article 66(g))” and inserting “section 866(h) of  
3 this title (article 66(h))”.

4 (g) ARTICLE 53.—Subsection (b)(1)(B) of section  
5 853 of title 10, United States Code (article 53 of the Uni-  
6 form Code of Military Justice), as amended by section  
7 5236 of the National Defense Authorization Act for Fiscal  
8 Year 2017, is further amended by striking “in a trial”.

9 (h) ARTICLE 53a.—Subsection (d) of section 853a of  
10 title 10, United States Code (article 53a of the Uniform  
11 Code of Military Justice), as added by section 5237 of the  
12 National Defense Authorization Act for Fiscal Year 2017,  
13 is amended by striking “military judge” the second place  
14 it appears and inserting “court-martial”.

15 (i) ARTICLE 56.—Subsection (d)(1) of section 856 of  
16 title 10, United States Code (article 56 of the Uniform  
17 Code of Military Justice), as amended by section 5301 of  
18 the National Defense Authorization Act for Fiscal Year  
19 2017, is further amended—

20 (1) in the matter preceding subparagraph (A),  
21 by inserting after “concerned,” the following: “under  
22 standards and procedures set forth in regulations  
23 prescribed by the President,”; and

24 (2) in subparagraph (B), by inserting after  
25 “(B)” the following: “as determined in accordance

1 with standards and procedures prescribed by the  
2 President,”.

3 (j) ARTICLE 58a.—

4 (1) Subsection (a) of section 858a of title 10,  
5 United States Code (article 58a of the Uniform  
6 Code of Military Justice), as amended by section  
7 5303(1) of the National Defense Authorization Act  
8 for Fiscal Year 2017, is further amended in the  
9 matter after paragraph (3) by inserting after “re-  
10 duces” the following: “, if such a reduction is au-  
11 thorized by regulation prescribed by the President,”.

12 (2) The heading of such section (article) is  
13 amended to read as follows:

14 **“§ 858a. Art 58a. Sentences: reduction in enlisted**  
15 **grade”.**

16 (k) ARTICLE 58b.—Subsection (b) of section 858b of  
17 title 10, United States Code (article 58b of the Uniform  
18 Code of Military Justice), is amended in the first sentence  
19 by striking “section 860 of this title (article 60)” and in-  
20 serting “section 860a or 860b of this title (article 60a or  
21 60b)”.

22 (l) ARTICLE 62.—Subsection (b) of section 862 of  
23 title 10, United States Code (article 62 of the Uniform  
24 Code of Military Justice), is amended by striking “, not-  
25 withstanding section 866(c) of this title (article 66(c))”.

1 (m) ARTICLE 63.—Subsection (b) of section 863 of  
2 title 10, United States Code (article 63 of the Uniform  
3 Code of Military Justice), as added by section 5327 of the  
4 National Defense Authorization Act for Fiscal Year 2017,  
5 is amended by striking the period at the end and inserting  
6 “, subject to such limitations as the President may pre-  
7 scribe by regulation.”.

8 (n) ARTICLE 64.—Subsection (a) of section 864 of  
9 title 10, United States Code (article 64 of the Uniform  
10 Code of Military Justice), as amended by section 5328(a)  
11 of the National Defense Authorization Act for Fiscal Year  
12 2017, is further amended by striking “(a) (a) IN GEN-  
13 ERAL.—” and inserting “(a) IN GENERAL.—”.

14 (o) ARTICLE 65.—Subsection (b)(1) of section 865  
15 of title 10, United States Code (article 65 of the Uniform  
16 Code of Military Justice), as amended by section 5329 of  
17 the National Defense Authorization Act for Fiscal Year  
18 2017, is further amended by striking “section 866(b)(2)  
19 of this title (article 66(b)(2))” and inserting “section  
20 866(b)(3) of this title (article 66(b)(3))”.

21 (p) ARTICLE 66.—Subsection (e)(2)(C) of section  
22 866 of title 10, United States Code (article 66 of the Uni-  
23 form Code of Military Justice), as amended by section  
24 5330 of the National Defense Authorization Act for Fiscal  
25 Year 2017, is further amended by inserting after “re-

1 quired” the following: “by regulation prescribed by the  
2 President or”.

3 (q) ARTICLE 69.—Subsection (c)(1)(A) of section  
4 869 of title 10, United States Code (article 69 of the Uni-  
5 form Code of Military Justice), as amended by section  
6 5233 of the National Defense Authorization Act for Fiscal  
7 Year 2017, is further amended by inserting a comma after  
8 “in part”.

9 (r) ARTICLE 82.—Subsection (b) of section 882 of  
10 title 10, United States Code (article 82 of the Uniform  
11 Code of Military Justice), as amended by section 5403 of  
12 the National Defense Authorization Act for Fiscal Year  
13 2017, is further amended by striking “section 99” and  
14 inserting “section 899”.

15 (s) ARTICLE 103a.—Section 8312(b)(2)(A) of title 5,  
16 United States Code, is amended by striking “article 106a”  
17 and inserting “article 103a”.

18 (t) ARTICLE 119a.—Subsection (b) of section 919a  
19 of title 10, United States Code (article 119a of the Uni-  
20 form Code of Military Justice), as amended by section  
21 5401(13)(B) of the National Defense Authorization Act  
22 for Fiscal Year 2017, is further amended—

23 (1) by striking “928a, 926, and 928” and in-  
24 serting “926, 928, and 928a”; and

1           (2) by striking “128a 126, and 128” and in-  
2           serting “126, 128, and 128a”.

3           (u) ARTICLE 120.—Subsection (g)(2) of section 920  
4 of title 10, United States Code (article 120 of the Uniform  
5 Code of Military Justice), as amended by section 5430(b)  
6 of the National Defense Authorization Act for Fiscal Year  
7 2017, is further amended in the first sentence by striking  
8 “brest” and inserting “breast”.

9           (v) ARTICLE 128.—Subsection (b)(2) of section 928  
10 of title 10, United States Code (article 128 of the Uniform  
11 Code of Military Justice), as amended by section 5441 of  
12 the National Defense Authorization Act for Fiscal Year  
13 2017, is further amended by striking the comma after  
14 “substantial bodily harm”.

15          (w) ARTICLE 132.—Subsection (b)(2) of section 932  
16 of title 10, United States Code (article 132 of the Uniform  
17 Code of Military Justice), as added by section 5450 of the  
18 National Defense Authorization Act for Fiscal Year 2017,  
19 is amended by striking “section 1034(h)” and inserting  
20 “section 1034(j)”.

21          (x) ARTICLE 146.—Subsection (f) of section 946 of  
22 title 10, United States Code (article 146 of the Uniform  
23 Code of Military Justice), as amended by section 5521 of  
24 the National Defense Authorization Act for Fiscal Year  
25 2017, is further amended—

1           (1) in paragraph (2), by striking the sentence  
2 beginning “Not later than” and inserting the fol-  
3 lowing new sentence: “The analysis under this para-  
4 graph shall be included in the assessment required  
5 by paragraph (1).”; and

6           (2) by striking paragraph (5) and inserting the  
7 following new paragraph (5):

8           “(5) REPORTS.—With respect to each review  
9 and assessment under this subsection, the Panel  
10 shall submit a report to the Committees on Armed  
11 Services of the Senate and the House of Representa-  
12 tives. Each report—

13                 “(A) shall set forth the results of the re-  
14 view and assessment concerned, including the  
15 findings and recommendations of the Panel;  
16 and

17                 “(B) shall be submitted not later than De-  
18 cember 31 of the calendar year in which the re-  
19 view and assessment is concluded.”.

20           (y) TABLES OF SECTIONS.—

21           (1) The table of sections at the beginning of  
22 subchapter II of chapter 47 of title 10, United  
23 States Code (the Uniform Code of Military Justice),  
24 as amended by section 5541(1) of the National De-  
25 fense Authorization Act for Fiscal Year 2017, is fur-

1       ther amended in the items relating to sections 810  
2       and 812 (articles 10 and 12) by striking “Art.”.

3           (2) The table of sections at the beginning of  
4       subchapter V of chapter 47 of title 10, United  
5       States Code (the Uniform Code of Military Justice),  
6       as amended by section 5541(2) of the National De-  
7       fense Authorization Act for Fiscal Year 2017, is fur-  
8       ther amended—

9           (A) by striking “825.” the second place it  
10       appears and inserting “825a.”; and

11          (B) in the items relating to sections 825a,  
12       826a, and 829 (articles 25a, 26a, and 29), by  
13       striking “Art.”.

14          (3) The table of sections at the beginning of  
15       subchapter VI of chapter 47 of title 10, United  
16       States Code (the Uniform Code of Military Justice),  
17       as amended by section 5541(3) of the National De-  
18       fense Authorization Act for Fiscal Year 2017, is fur-  
19       ther amended—

20          (A) by striking “830.” the second place it  
21       appears and inserting “830a.”; and

22          (B) in the items relating to sections 830a  
23       and 832 through 835 (articles 30a and 32  
24       through 35), by striking “Art.”.

1           (4) The table of sections at the beginning of  
2 subchapter VII of chapter 47 of title 10, United  
3 States Code (the Uniform Code of Military Justice),  
4 as amended by section 5541(4) of the National De-  
5 fense Authorization Act for Fiscal Year 2017, is fur-  
6 ther amended in the items relating to sections 846  
7 through 848, 850, 852, 853, and 853a (articles 46  
8 through 48, 50, 52, 53, and 53a) by striking “Art.”.

9           (5) The table of sections at the beginning of  
10 subchapter VIII of chapter 47 of title 10, United  
11 States Code (the Uniform Code of Military Justice),  
12 as amended by section 5541(5) of the National De-  
13 fense Authorization Act for Fiscal Year 2017, is fur-  
14 ther amended by striking the item relating to section  
15 858a (article 58a) and inserting the following new  
16 item:

“858a. 58a. Sentences: reduction in enlisted grade.”.

17           (6) The table of sections at the beginning of  
18 subchapter IX of chapter 47 of title 10, United  
19 States Code (the Uniform Code of Military Justice),  
20 as amended by section 5541(6) of the National De-  
21 fense Authorization Act for Fiscal Year 2017, is fur-  
22 ther amended in the items relating to sections 860  
23 through 861, 864 through 866, and 869 (articles 60  
24 through 61, 64 through 66, and 69) by striking  
25 “Art.”.

1           (7) The table of sections at the beginning of  
2 subchapter X of chapter 47 of title 10, United  
3 States Code (the Uniform Code of Military Justice),  
4 as amended by section 5452 of the National Defense  
5 Authorization Act for Fiscal Year 2017, is further  
6 amended—

7           (A) in the items relating to sections 877  
8 through 934 (articles 77 through 134), by  
9 striking “Art.”;

10           (B) in the item relating to section 887a  
11 (article 87a), by striking “Resistance” and in-  
12 serting “Resistance”;

13           (C) in the item relating to section 908 (ar-  
14 ticle 108), by striking “of the United States–  
15 Loss” and inserting “of United States–Loss,”;  
16 and

17           (D) in the item relating to section 909 (ar-  
18 ticle 109), by striking “of the” and inserting  
19 “of”.

20           (8) The table of sections at the beginning of  
21 subchapter XI of chapter 47 of title 10, United  
22 States Code (the Uniform Code of Military Justice),  
23 as amended by section 5541(7) of the National De-  
24 fense Authorization Act for Fiscal Year 2017, is fur-  
25 ther amended in the items relating to sections 936

1 and 940a (articles 136 and 140a) by striking  
2 “Art.”.

3 (9) The table of sections at the beginning of  
4 subchapter XII of chapter 47 of title 10, United  
5 States Code (the Uniform Code of Military Justice),  
6 as amended by section 5541(8) of the National De-  
7 fense Authorization Act for Fiscal Year 2017, is fur-  
8 ther amended in the items relating to sections 946  
9 and 946a (articles 146 and 146a) by striking  
10 “Art.”.

11 (z) OTHER PROVISIONS OF TITLE 10 IN CONNec-  
12 TION WITH UCMJ REFORM.—

13 (1) Section 673(a) of title 10, United States  
14 Code, is amended by striking “section 920, 920a, or  
15 920c of this title (article 120, 120a, or 120c of the  
16 Uniform Code of Military Justice)” and inserting  
17 “section 920, 920c, or 930 of this title (article 120,  
18 120c, or 130 of the Uniform Code of Military Jus-  
19 tice)”.

20 (2) Section 674(a) of such title is amended by  
21 striking “section 920, 920a, 920b, 920c, or 925 of  
22 this title (article 120, 120a, 120b, 120c, or 125 of  
23 the Uniform Code of Military Justice)” and insert-  
24 ing “section 920, 920b, 920c, or 930 of this title

1 (article 120, 120b, 120c, or 130 of the Uniform  
2 Code of Military Justice)”.

3 (3) Section 1034(c)(2)(A) of such title is  
4 amended by striking “sections 920 through 920c of  
5 this title (articles 120 through 120c of the Uniform  
6 Code of Military Justice)” and inserting “section  
7 920, 920b, 920c, or 930 of this title (article 120,  
8 120b, 120c, or 130 of the Uniform Code of Military  
9 Justice)”.

10 (4) Section 1044e(g)(1) of such title is amend-  
11 ed by striking “section 920, 920a, 920b, 920c, or  
12 925 of this title (article 120, 120a, 120b, 120c, or  
13 125 of the Uniform Code of Military Justice)” and  
14 inserting “section 920, 920b, 920c, or 930 of this  
15 title (article 120, 120b, 120c, or 130 of the Uniform  
16 Code of Military Justice)”.

17 (5) Section 1059(e) of such title is amended—

18 (A) in paragraph (1)(A)(ii), by striking  
19 “the approval of” and all that follows through  
20 “as approved,” and inserting “entry of judg-  
21 ment under section 860c of this title (article  
22 60c of the Uniform Code of Military Justice) if  
23 the sentence”; and

24 (B) in paragraph (3)(A), by striking “by a  
25 court-martial” the second place it appears and

1 all that follows through “include any such pun-  
 2 ishment,” and inserting “for a dependent-abuse  
 3 offense and the conviction is disapproved or is  
 4 otherwise not part of the judgment under sec-  
 5 tion 860c of this title (article 60c of the Uni-  
 6 form Code of Military Justice) or the punish-  
 7 ment is disapproved or is otherwise not part of  
 8 the judgment under such section (article),”.

9 (6) Section 1408(h)(10)(A) of such title is  
 10 amended by striking “the approval” and all that fol-  
 11 lows and inserting “entry of judgment under section  
 12 860c of this title (article 60c of the Uniform Code  
 13 of Military Justice).”.

14 (aa) EFFECTIVE DATE.—The amendments made by  
 15 this section shall take effect immediately after the coming  
 16 into effect of the amendments made by division E of the  
 17 National Defense Authorization Act for Fiscal Year 2017,  
 18 as provided for in section 5542 of that Act.

19 **SEC. 523. PRIORITY OF REVIEW BY COURT OF APPEALS**  
 20 **FOR THE ARMED FORCES OF DECISIONS OF**  
 21 **COURTS OF CRIMINAL APPEALS ON PETI-**  
 22 **TIONS FOR ENFORCEMENT OF VICTIMS’**  
 23 **RIGHTS.**

24 (a) PRIORITY.—Section 806b(e)(3) of title 10, United  
 25 States Code (article 6b(e)(3) of the Uniform Code of Mili-

1 tary Justice), as amended by section 522(b) of this Act,  
2 is further amended by adding at the end the following new  
3 sentence: “Review of any decision on such a petition by  
4 the Court of Appeals for the Armed Forces shall have pri-  
5 ority in the Court of Appeals for the Armed Forces, as  
6 determined under the rules of the Court of Appeals for  
7 the Armed Forces.”.

8 (b) EFFECTIVE DATE.—The amendment made by  
9 subsection (a) shall take effect immediately after the com-  
10 ing into effect of the following (in the order specified):

11 (1) The amendments made by division E of the  
12 National Defense Authorization Act for Fiscal Year  
13 2017 (Public Law 114–328), as provided for in sec-  
14 tion 5542 of that Act.

15 (2) The amendments made by section 522(b) of  
16 this Act, as provided in section 522(aa) of this Act.

17 **SEC. 524. ASSISTANCE OF DEFENSE COUNSEL IN ADDI-**  
18 **TIONAL POST-TRIAL MATTERS FOR ACCUSED**  
19 **CONVICTED BY COURT-MARTIAL.**

20 (a) ASSISTANCE.—Subsection (c)(2) of section 838 of  
21 title 10, United States Code (article 38 of the Uniform  
22 Code of Military Justice), is amended by striking “section  
23 860 of this title (article 60)” and inserting “section 860,  
24 860a, or 860b of this title (article 60, 60a, or 60b)”.

1 (b) EFFECTIVE DATE.—The amendment made by  
2 subsection (a) shall take effect immediately after the com-  
3 ing into effect of the amendments made by division E of  
4 the National Defense Authorization Act for Fiscal Year  
5 2017 (Public Law 114–328), as provided for in section  
6 5542 of that Act.

7 **SEC. 525. ENUMERATION OF ADDITIONAL LIMITATIONS ON**  
8 **ACCEPTANCE OF PLEA AGREEMENTS BY**  
9 **MILITARY JUDGES OF GENERAL OR SPECIAL**  
10 **COURTS-MARTIAL.**

11 (a) IN GENERAL.—Subsection (b) of section 853a of  
12 title 10, United States Code (article 53a of the Uniform  
13 Code of Military Justice), as added by section 5237 of the  
14 National Defense Authorization Act for Fiscal Year 2017  
15 (Public Law 114–328), is amended—

16 (1) in paragraph (2), by striking “or” after the  
17 semicolon;

18 (2) in paragraph (3), by striking the period and  
19 inserting a semicolon; and

20 (3) by adding at the end the following new  
21 paragraphs:

22 “(4) is prohibited by law; or

23 “(5) is contrary to, or is inconsistent with, a  
24 regulation prescribed by the President with respect

1 to terms, conditions, or other aspects of plea agree-  
2 ments.”.

3 (b) **EFFECTIVE DATE.**—The amendments made by  
4 subsection (a) shall take effect immediately after the com-  
5 ing into effect of the amendments made by division E of  
6 the National Defense Authorization Act for Fiscal Year  
7 2017, as provided for in section 5542 of that Act.

8 **SEC. 526. ADDITIONAL PROCEEDINGS BY COURTS OF**  
9 **CRIMINAL APPEALS BY ORDER OF UNITED**  
10 **STATES COURT OF APPEALS FOR THE ARMED**  
11 **FORCES.**

12 (a) **IN GENERAL.**—Subsection (f)(3) of section 866  
13 of title 10, United States Code (article 66 of the Uniform  
14 Code of Military Justice), as amended by section 5330 of  
15 the National Defense Authorization Act for Fiscal Year  
16 2017 (Public Law 114–328), is further amended—

17 (1) by inserting after “Court” the first place it  
18 appears the following: “of Criminal Appeals”; and

19 (2) by adding at the end the following new sen-  
20 tence: “If the Court of Appeals for the Armed  
21 Forces determines that additional proceedings are  
22 warranted, the Court of Criminal Appeals shall  
23 order a hearing or other proceeding in accordance  
24 with the direction of the Court of Appeals for the  
25 Armed Forces.”.

1 (b) EFFECTIVE DATE.—The amendments made by  
2 subsection (a) shall take effect immediately after the com-  
3 ing into effect of the amendments made by division E of  
4 the National Defense Authorization Act for Fiscal Year  
5 2017, as provided for in section 5542 of that Act.

6 **SEC. 527. CLARIFICATION OF APPLICABILITY AND EFFEC-**  
7 **TIVE DATES FOR STATUTE OF LIMITATIONS**  
8 **AMENDMENTS IN CONNECTION WITH UNI-**  
9 **FORM CODE OF MILITARY JUSTICE REFORM.**

10 (a) APPLICABILITY OF CERTAIN AMENDMENTS.—Ef-  
11 fective as of December 23, 2016, and immediately after  
12 the enactment of the National Defense Authorization Act  
13 for Fiscal Year 2017 (Public Law 114–328), to which  
14 such amendment relates, section 5225(f) of that Act is  
15 amended by striking “this subsection” and inserting “this  
16 section”.

17 (b) CHILD ABUSE OFFENSES.—With respect to of-  
18 fenses committed before the date designated by the Presi-  
19 dent under section 5542(a) of the National Defense Au-  
20 thorization Act for Fiscal Year 2017, subsection (b)(2)(B)  
21 of section 843 of title 10, United States Code (article 43  
22 of the Uniform Code of Military Justice), shall be applied  
23 as in effect on December 22, 2016.

24 (c) FRAUDULENT ENLISTMENT OR APPOINTMENT  
25 OFFENSES.—With respect to the period beginning on the

1 date of the enactment of the National Defense Authoriza-  
2 tion Act for Fiscal Year 2017 and ending on the day be-  
3 fore the date designated by the President under section  
4 5542(a) of that Act, in the application of subsection (h)  
5 of section 843 of title 10, United States Code (article 43  
6 of the Uniform Code of Military Justice), as added by sec-  
7 tion 5225(b) of that Act, the reference in such subsection  
8 (h) to section 904a(1) of title 10, United States Code (ar-  
9 ticle 104a(1) of the Uniform Code of Military Justice),  
10 shall be deemed to be a reference to section 883(1) of title  
11 10, United States Code (article 83(1) of the Uniform Code  
12 of Military Justice).

13 **SEC. 528. MODIFICATION OF YEAR OF INITIAL REVIEW BY**  
14 **MILITARY JUSTICE REVIEW PANEL OF UNI-**  
15 **FORM CODE OF MILITARY JUSTICE REFORM**  
16 **AMENDMENTS.**

17 (a) IN GENERAL.—Subsection (f)(1) of section 946  
18 of title 10, United States Code (article 146 of the Uniform  
19 Code of Military Justice), as amended by section 5521 of  
20 the National Defense Authorization Act for Fiscal Year  
21 2017 (Public Law 114–328), is further amended by strik-  
22 ing “fiscal year 2020” and inserting “fiscal year 2021”.

23 (b) EFFECTIVE DATE.—The amendment made by  
24 subsection (a) shall take effect immediately after the com-  
25 ing into effect of the amendments made by division E of

1 the National Defense Authorization Act for Fiscal Year  
2 2017, as provided for in section 5542 of that Act.

3 **SEC. 529. CLARIFICATION OF APPLICABILITY OF CERTAIN**  
4 **PROVISIONS OF LAW TO CIVILIAN JUDGES OF**  
5 **THE UNITED STATES COURT OF MILITARY**  
6 **COMMISSION REVIEW.**

7 Section 950f(b) of title 10, United States Code, is  
8 amended by adding at the end the following new para-  
9 graph:

10 “(5)(A) For purposes of sections 203, 205, 207, 208,  
11 and 209 of title 18, the term ‘special Government em-  
12 ployee’ shall include a judge of the Court appointed under  
13 paragraph (3).

14 “(B) A person appointed as a judge of the Court  
15 under paragraph (3) shall be considered to be an officer  
16 or employee of the United States with respect to such per-  
17 son’s status as a judge, but only during periods in which  
18 such person is performing the duties of such a judge. Any  
19 provision of law that prohibits or limits the political or  
20 business activities of an employee of the United States  
21 shall only apply to such a judge during such periods.”.

1 **SEC. 530. ENHANCEMENT OF EFFECTIVE PROSECUTION**  
2 **AND DEFENSE IN COURTS-MARTIAL AND RE-**  
3 **LATED MATTERS.**

4 (a) **ADDITIONAL ELEMENT IN PROGRAM FOR EFFEC-**  
5 **TIVE PROSECUTION AND DEFENSE.**—Subsection (a)(1) of  
6 section 542 of the National Defense Authorization Act for  
7 Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2126;  
8 10 U.S.C. 827 note) is amended by inserting before the  
9 semicolon the following: “or there is adequate supervision  
10 and oversight of trial counsel and defense counsel so de-  
11 tailed to ensure effective prosecution and defense in the  
12 court-martial”.

13 (b) **ASSIGNMENT OF CIVILIAN EMPLOYEES TO SU-**  
14 **PERVISE LESS EXPERIENCED JUDGE ADVOCATES IN**  
15 **PROSECUTION AND DEFENSE.**—Such section is further  
16 amended—

17 (1) by redesignating subsections (c) and (d) as  
18 subsections (d) and (e), respectively; and

19 (2) by inserting after subsection (b) the fol-  
20 lowing new subsection (c):

21 “(c) **ASSIGNMENT OF CIVILIAN EMPLOYEES TO SU-**  
22 **PERVISE LESS EXPERIENCED JUDGE ADVOCATES IN**  
23 **PROSECUTION AND DEFENSE.**—

24 “(1) **ASSIGNMENT AUTHORIZED.**—The Sec-  
25 retary concerned may assign the function of super-  
26 vising and overseeing prosecution or defense in

1 courts-martial by less experienced judge advocates to  
2 civilian employees of the military department con-  
3 cerned or the Department of Homeland Security, as  
4 applicable, who have extensive litigation expertise.

5 “(2) STATUS AS SUPERVISOR.—A civilian em-  
6 ployee assigned to supervise and oversee the pros-  
7 ecution or defense in a court-martial pursuant to  
8 this subsection is not required to be detailed to the  
9 case, but must be reasonably available for consulta-  
10 tion during court-martial proceedings.”.

11 (c) PILOT PROGRAMS ON PROFESSIONAL DEVELOP-  
12 MENTAL PROCESS FOR JUDGE ADVOCATES.—Subsection  
13 (d) of such section, as redesignated by subsection (b)(1)  
14 of this section, is amended—

15 (1) in paragraph (1), striking “establishing”  
16 and all that follows and inserting “a military justice  
17 career track for judge advocates under the jurisdic-  
18 tion of the Secretary.”;

19 (2) by redesignating paragraph (4) as para-  
20 graph (5); and

21 (3) by inserting after paragraph (3) the fol-  
22 lowing new paragraph (4):

23 “(4) ELEMENTS.—Each pilot program shall in-  
24 clude the following:

1           “(A) A military justice career track for  
2 judge advocates that leads to judge advocates  
3 with military justice expertise in the grade of  
4 colonel, or in the grade of captain in the case  
5 of judge advocates of the Navy.

6           “(B) The use of skill identifiers to identify  
7 judge advocates for participation in the pilot  
8 program from among judge advocates having  
9 appropriate skill and experience in military jus-  
10 tice matters.

11           “(C) Guidance for promotion boards con-  
12 sidering the selection for promotion of officers  
13 participating in the pilot program in order to  
14 ensure that judge advocates who are partici-  
15 pating in the pilot program have the same op-  
16 portunity for promotion as all other judge advo-  
17 cate officers being considered for promotion by  
18 such boards.

19           “(D) Such other matters as the Secretary  
20 concerned considers appropriate.”.

1 **SEC. 531. COURT OF APPEALS FOR THE ARMED FORCES JU-**  
2 **RISDICTION TO REVIEW INTERLOCUTORY AP-**  
3 **PEALS OF DECISIONS ON CERTAIN PETI-**  
4 **TIONS FOR WRITS OF MANDAMUS.**

5 Section 806b(e) of title 10, United States Code (arti-  
6 cle 6b(e) of the Uniform Code of Military Justice), is  
7 amended—

8 (1) in paragraph (1), by striking “paragraph  
9 (4)” and inserting “paragraph (5)”;

10 (2) by redesignating paragraph (4) as para-  
11 graph (5); and

12 (3) by inserting after paragraph (3) the fol-  
13 lowing new paragraph (4):

14 “(4) The Court of Appeals for the Armed Forces may  
15 review for legal error a grant or denial of a petition for  
16 a writ of mandamus under this subsection by the Court  
17 of Criminal Appeals, upon petition of a victim of an of-  
18 fense under this chapter or of the accused, and on good  
19 cause shown. Any such review shall, to the extent prac-  
20 ticable, have priority over all other proceedings of the  
21 Court of Appeals.”.

1 **SEC. 532. PUNITIVE ARTICLE ON WRONGFUL BROADCAST**  
2 **OR DISTRIBUTION OF INTIMATE VISUAL IM-**  
3 **AGES OR VISUAL IMAGES OF SEXUALLY EX-**  
4 **PLICIT CONDUCT UNDER THE UNIFORM**  
5 **CODE OF MILITARY JUSTICE.**

6 (a) PROHIBITION.—Subchapter X of chapter 47 of  
7 title 10, United States Code, is amended by inserting after  
8 section 917 (article 117 of the Uniform Code of Military  
9 Justice) the following new section (article):

10 **“§ 917a. Art. 117a. Wrongful broadcast or distribution**  
11 **of intimate visual images**

12 “(a) PROHIBITION.—Any person subject to this chap-  
13 ter who—

14 “(1) knowingly and wrongfully broadcasts or  
15 distributes an intimate visual image of another per-  
16 son or a visual image of sexually explicit conduct in-  
17 volving a person who—

18 “(A) is at least 18 years of age at the time  
19 the intimate visual image or visual image of  
20 sexually explicit conduct was created;

21 “(B) is identifiable from the intimate vis-  
22 ual image or visual image of sexually explicit  
23 conduct itself, or from information displayed in  
24 connection with the intimate visual image or  
25 visual image of sexually explicit conduct; and

1           “(C) does not explicitly consent to the  
2 broadcast or distribution of the intimate visual  
3 image or visual image of sexually explicit con-  
4 duct;

5           “(2) knows or reasonably should have known  
6 that the intimate visual image or visual image of  
7 sexually explicit conduct was made under cir-  
8 cumstances in which the person depicted in the inti-  
9 mate visual image or visual image of sexually explicit  
10 conduct retained a reasonable expectation of privacy  
11 regarding any broadcast or distribution of the inti-  
12 mate visual image or visual image of sexually explicit  
13 conduct; and

14           “(3) knows or reasonably should have known  
15 that the broadcast or distribution of the intimate  
16 visual image or visual image of sexually explicit con-  
17 duct is likely—

18           “(A) to cause harm, harassment, intimidat-  
19 ion, emotional distress, or financial loss for the  
20 person depicted in the intimate visual image or  
21 visual image of sexually explicit conduct; or

22           “(B) to harm substantially the depicted  
23 person with respect to that person’s health,  
24 safety, business, calling, career, financial condi-  
25 tion, reputation, or personal relationships,

1 is guilty of wrongful distribution of intimate visual images  
2 or visual images of sexually explicit conduct and shall be  
3 punished as a court-martial may direct.

4 “(b) DEFINITIONS.—In this section (article):

5 “(1) BROADCAST.—The term ‘broadcast’ means  
6 to electronically transmit a visual image with the in-  
7 tent that it be viewed by a person or persons.

8 “(2) DISTRIBUTE.—The term ‘distribute’  
9 means to deliver to the actual or constructive posses-  
10 sion of another person, including transmission by  
11 mail or electronic means.

12 “(3) INTIMATE VISUAL IMAGE.—The term ‘inti-  
13 mate visual image’ means a visual image that de-  
14 picts a private area of a person.

15 “(4) PRIVATE AREA.—The term ‘private area’  
16 means the naked or underwear-clad genitalia, anus,  
17 buttocks, or female areola or nipple.

18 “(5) REASONABLE EXPECTATION OF PRI-  
19 VACY.—The term ‘reasonable expectation of privacy’  
20 refers to circumstances in which a reasonable person  
21 would believe that an intimate visual image of the  
22 person, or a visual image of sexually explicit conduct  
23 involving the person, would not be broadcast or dis-  
24 tributed to another person.

1           “(6) SEXUALLY EXPLICIT CONDUCT.—The term  
2           ‘sexually explicit conduct’ means actual or simulated  
3           genital-genital contact, oral-genital contact, anal-  
4           genital contact, or oral-anal contact, whether be-  
5           tween persons of the same or opposite sex, bestiality,  
6           masturbation, or sadistic or masochistic abuse.

7           “(7) VISUAL IMAGE.—The term ‘visual image’  
8           means the following:

9                   “(A) Any developed or undeveloped photo-  
10                  graph, picture, film or video.

11                   “(B) Any digital or computer image, pic-  
12                  ture, film, or video made by any means, includ-  
13                  ing those transmitted by any means, including  
14                  streaming media, even if not stored in a perma-  
15                  nent format.

16                   “(C) Any digital or electronic data capable  
17                  of conversion into a visual image.”.

18           (b) CLERICAL AMENDMENT.—The table of sections  
19           at the beginning of subchapter X of chapter 47 of title  
20           10, United States Code (the Uniform Code of Military  
21           Justice), is amended by inserting after the item relating  
22           to section 917 (article 117) the following new item:

          “917a. 117a. Wrongful broadcast or distribution of intimate visual images.”.

1 **Subtitle E—Member Education,**  
2 **Training, Transition, and Resil-**  
3 **ience**

4 **SEC. 541. READY, RELEVANT LEARNING INITIATIVE OF THE**  
5 **NAVY.**

6 (a) CERTIFICATIONS REQUIRED.—Not later than Oc-  
7 tober 1, 2017, and each year thereafter, the Secretary of  
8 the Navy shall submit to the Committees on Armed Serv-  
9 ices of the Senate and House of Representatives a certifi-  
10 cation on the status of implementation of the Ready, Rel-  
11 evant Learning initiative of the Navy for each applicable  
12 enlisted rating.

13 (b) ELEMENTS.—Each certification under subsection  
14 (a) shall include the following:

15 (1) A certification by the Commander of the  
16 United States Fleet Forces Command that the block  
17 learning and modernized delivery methods of the  
18 Ready, Relevant Learning initiative to be imple-  
19 mented during the fiscal year beginning in which  
20 such certification is submitted will meet or exceed  
21 the existing training delivery approach for all associ-  
22 ated training requirements.

23 (2) A certification by the Secretary that the  
24 content re-engineering necessary to meet all training  
25 objectives and transition from the traditional train-

1       ing curriculum to the modernized delivery format to  
2       be implemented during such fiscal year will be com-  
3       plete prior to such transition, including full  
4       functionality of all required course software and  
5       hardware.

6           (3) A detailed cost estimate of transitioning to  
7       the block learning and modernized delivery ap-  
8       proaches to be implemented during such fiscal year  
9       with funding listed by purpose, amount, appropria-  
10      tions account, budget program element or line item,  
11      and end strength adjustments.

12          (4) A detailed phasing plan associated with  
13      transitioning to the block learning and modernized  
14      delivery approaches to be implemented during such  
15      fiscal year, including the current status, timing, and  
16      identification of reductions in “A” school and “C”  
17      school courses, curricula, funding, and personnel.

18          (5) A certification by the Secretary that—

19            (A) the contracting strategy associated  
20      with transitioning to the modernized delivery  
21      approach to be implemented during such fiscal  
22      year has been completed; and

23            (B) contracting actions contain sufficient  
24      specification detail to enable a low risk ap-  
25      proach to receiving the deliverable end item or

1 items on-budget, on-schedule, and with satisfac-  
2 tory performance.

3 **SEC. 542. ELEMENT IN PRESEPARATION COUNSELING FOR**  
4 **MEMBERS OF THE ARMED FORCES ON AS-**  
5 **SISTANCE AND SUPPORT SERVICES FOR**  
6 **CAREGIVERS OF CERTAIN VETERANS**  
7 **THROUGH THE DEPARTMENT OF VETERANS**  
8 **AFFAIRS.**

9 (a) IN GENERAL.—Section 1142(b) of title 10,  
10 United States Code, is amended by adding at the end the  
11 following new paragraph:

12 “(18) A description, developed in consultation  
13 with the Secretary of Veterans Affairs, of the assist-  
14 ance and support services for family caregivers of el-  
15 igible veterans under the program conducted by the  
16 Secretary of Veterans Affairs pursuant to section  
17 1720G of title 38, including the veterans covered by  
18 the program, the caregivers eligible for assistance  
19 and support through the program, and the assist-  
20 ance and support available through the program.”.

21 (b) PARTICIPATION OF POTENTIAL CAREGIVERS IN  
22 APPROPRIATE PRESEPARATION COUNSELING.—

23 (1) IN GENERAL.—In accordance with proce-  
24 dures established by the Secretary of Defense, each

1 Secretary of a military department shall take appro-  
2 priate actions to achieve the following:

3 (A) To determine whether each member of  
4 the Armed Forces under the jurisdiction of such  
5 Secretary who is undergoing preseparation  
6 counseling pursuant to section 1142 of title 10,  
7 United States Code (as amended by subsection  
8 (a)), and who may require caregiver services  
9 after separation from the Armed Forces has  
10 identified an individual to provide such services  
11 after the member's separation.

12 (B) In the case of a member described in  
13 subparagraph (A) who has identified an indi-  
14 vidual to provide caregiver services after the  
15 member's separation, at the election of the  
16 member, to permit such individual to partici-  
17 pate in appropriate sessions of the member's  
18 preseparation counseling in order to inform  
19 such individual of—

20 (i) the assistance and support services  
21 available to caregivers of members after  
22 separation from the Armed Forces; and

23 (ii) the manner in which the member's  
24 transition to civilian life after separation

1           may likely affect such individual as a care-  
2           giver.

3           (2) CAREGIVERS.—For purposes of this sub-  
4           section, individuals who provide caregiver services  
5           refers to individuals (including a spouse, partner,  
6           parent, sibling, adult child, other relative, or friend)  
7           who provide physical or emotional assistance to  
8           former members of the Armed Forces during and  
9           after their transition from military life to civilian life  
10          following separation from the Armed Forces.

11          (3) DEADLINE FOR COMMENCEMENT.—Each  
12          Secretary of a military department shall commence  
13          the actions required pursuant to this subsection by  
14          not later than 180 days after the date of the enact-  
15          ment of this Act.

16 **SEC. 543. DISCHARGE IN THE SELECTED RESERVE OF THE**  
17                           **COMMISSIONED SERVICE OBLIGATION OF**  
18                           **MILITARY SERVICE ACADEMY GRADUATES**  
19                           **WHO PARTICIPATE IN PROFESSIONAL ATH-**  
20                           **LETICS.**

21          (a) UNITED STATES MILITARY ACADEMY.—Section  
22          4348(a) of title 10, United States Code, is amended by  
23          adding at the end the following new paragraph:

24                       “(5) That, if upon graduation the cadet obtains  
25          employment as a professional athlete in lieu of the

1 acceptance of an appointment tendered under para-  
2 graph (2), the cadet—

3 “(A) will accept an appointment as a com-  
4 missioned officer as a Reserve in the Army for  
5 service in the Army Reserve; and

6 “(B) will remain in that reserve component  
7 as a member of the Selected Reserve until com-  
8 pletion of the commissioned service obligation of  
9 the cadet.”.

10 (b) UNITED STATES NAVAL ACADEMY.—Section  
11 6959(a) of title 10, United States Code, is amended by  
12 adding at the end the following new paragraph:

13 “(5) That, if upon graduation the midshipman  
14 obtains employment as a professional athlete in lieu  
15 of the acceptance of an appointment tendered under  
16 paragraph (2), the midshipman—

17 “(A) will accept an appointment as a com-  
18 missioned officer as a Reserve in the Navy for  
19 service in the Navy Reserve or the Marine  
20 Corps Reserve; and

21 “(B) will remain in that reserve component  
22 as a member of the Selected Reserve until com-  
23 pletion of the commissioned service obligation of  
24 the midshipman.”.

1           (c) UNITED STATES AIR FORCE ACADEMY.—Section  
2 9348(a) of title 10, United States Code, is amended by  
3 adding at the end the following new paragraph:

4           “(5) That, if upon graduation the cadet obtains  
5 employment as a professional athlete in lieu of the  
6 acceptance of an appointment tendered under para-  
7 graph (2), the cadet—

8           “(A) will accept an appointment as a com-  
9 missioned officer as a Reserve in the Air Force  
10 for service in the Air Force Reserve; and

11           “(B) will remain in that reserve component  
12 as a member of the Selected Reserve until com-  
13 pletion of the commissioned service obligation of  
14 the cadet.”.

15           (d) APPLICATION OF AMENDMENTS.—The Secre-  
16 taries of the military departments shall promptly revise  
17 the cadet and midshipman service agreements under sec-  
18 tions 4348, 6959, and 9348 of title 10, United States  
19 Code, to reflect the amendments made by this section. The  
20 revised agreement shall apply to cadets and midshipmen  
21 who are attending the United States Military Academy,  
22 the United States Naval Academy, or the United States  
23 Air Force Academy on the date of the enactment of this  
24 Act and to persons who begin attendance at such military  
25 service academies on or after that date.

1 **SEC. 544. PILOT PROGRAMS ON APPOINTMENT IN THE EX-**  
2 **CEPTED SERVICE IN THE DEPARTMENT OF**  
3 **DEFENSE OF PHYSICALLY DISQUALIFIED**  
4 **FORMER CADETS AND MIDSHIPMEN.**

5 (a) PILOT PROGRAMS AUTHORIZED.—

6 (1) IN GENERAL.—Each Secretary of a military  
7 department may carry out a pilot program under  
8 which former cadets or midshipmen described in  
9 paragraph (2) (in this section referred to as “eligible  
10 individuals”) under the jurisdiction of such Sec-  
11 retary may be appointed by the Secretary of Defense  
12 in the excepted service under section 3320 of title 5,  
13 United States Code, in the Department of Defense.

14 (2) CADETS AND MIDSHIPMEN.—Except as pro-  
15 vided in paragraph (3), a former cadet or mid-  
16 shipman described in this paragraph is any former  
17 cadet at the United States Military Academy or the  
18 United States Air Force Academy, and any former  
19 midshipman at the United States Naval Academy,  
20 who—

21 (A) completed the prescribed course of in-  
22 struction and graduated from the applicable  
23 service academy; and

24 (B) is determined to be medically disquali-  
25 fied to complete a period of active duty in the  
26 Armed Forces prescribed in an agreement

1 signed by such cadet or midshipman in accord-  
2 ance with section 4348, 6959, or 9348 of title  
3 10, United States Code.

4 (3) EXCEPTION.—A former cadet or mid-  
5 shipman whose medical disqualification as described  
6 in paragraph (2)(B) is the result of the gross neg-  
7 ligence or misconduct of the former cadet or mid-  
8 shipman is not an eligible individual for purposes of  
9 appointment under a pilot program.

10 (b) PURPOSE.—The purpose of the pilot programs is  
11 to evaluate the feasibility and advisability of permitting  
12 eligible individuals who cannot accept a commission or  
13 complete a period of active duty in the Armed Forces pre-  
14 scribed by the Secretary of the military department con-  
15 cerned to fulfill an obligation for active duty service in  
16 the Armed Forces through service as a civilian employee  
17 of the Department of Defense

18 (c) POSITIONS.—

19 (1) IN GENERAL.—The positions to which an el-  
20 igible individual may be appointed under a pilot pro-  
21 gram are existing positions within the Department  
22 of Defense in grades up to GS-9 under the General  
23 Schedule under section 5332 of title 5, United  
24 States Code (or equivalent). The authority in sub-  
25 section (a) does not authorize the creation of addi-

1 tional positions, or create any vacancies to which eli-  
2 gible individuals may be appointed under a pilot pro-  
3 gram.

4 (2) TERM POSITIONS.—Any appointment under  
5 a pilot program shall be to a position having a term  
6 of five years or less.

7 (d) SCOPE OF AUTHORITY.—

8 (1) RECRUITMENT AND RETENTION OF ELIGI-  
9 BLE INDIVIDUALS.—The authority in subsection (a)  
10 may be used only to the extent necessary to recruit  
11 and retain on a non-competitive basis cadets and  
12 midshipmen who are relieved of an obligation for ac-  
13 tive duty in the Armed Forces due to becoming  
14 medically disqualified from serving on active duty in  
15 the Armed Forces, and may not be used to appoint  
16 any other individuals in the excepted service.

17 (2) VOLUNTARY ACCEPTANCE OF APPOINT-  
18 MENTS.—A pilot program may not be used as an  
19 implicit or explicit basis for compelling an eligible in-  
20 dividual to accept an appointment in the excepted  
21 service in accordance with this section.

22 (e) RELATIONSHIP TO REPAYMENT PROVISIONS.—  
23 Completion of a term appointment pursuant to a pilot pro-  
24 gram shall relieve the eligible individual concerned of any  
25 repayment obligation under section 303a(e) or 373 of title

1 37, United States Code, with respect to the agreement of  
2 the individual described in subsection (b)(2)(B).

3 (f) TERMINATION.—

4 (1) IN GENERAL.—The authority to appoint eli-  
5 gible individuals in the excepted service under a pilot  
6 program shall expire on the date that is four years  
7 after the date of the enactment of this Act.

8 (2) EFFECT ON EXISTING APPOINTMENTS.—

9 The termination by paragraph (1) of the authority  
10 in subsection (a) shall not affect any appointment  
11 made under that authority before the termination  
12 date specified in paragraph (1) in accordance with  
13 the terms of such appointment.

14 **SEC. 545. LIMITATION ON AVAILABILITY OF FUNDS FOR AT-**  
15 **TENDANCE OF AIR FORCE ENLISTED PER-**  
16 **SONNEL AT AIR FORCE OFFICER PROFES-**  
17 **SIONAL MILITARY EDUCATION IN-RESIDENCE**  
18 **COURSES.**

19 (a) LIMITATION.—None of the funds authorized to  
20 be appropriated or otherwise available for the Department  
21 of the Air Force may be obligated or expended for the  
22 purpose of the attendance of Air Force enlisted personnel  
23 at Air Force officer professional military education (PME)  
24 in-residence courses until the later of—

1           (1) the date on which the Secretary of the Air  
2 Force submits to the Committees on Armed Services  
3 of the Senate and the House of Representatives, and  
4 to the Comptroller General of the United States, a  
5 report on the attendance of such personnel at such  
6 courses as described in subsection (b);

7           (2) the date on which the Comptroller General  
8 submits to such committees the report setting forth  
9 an assessment of the report under paragraph (1) as  
10 described in subsection (c); or

11           (3) 180 days after the date of the enactment of  
12 this Act.

13           (b) SECRETARY OF THE AIR FORCE REPORT.—The  
14 report of the Secretary described in subsection (a)(1) shall  
15 include the following:

16           (1) The purpose of the attendance of Air Force  
17 enlisted personnel at Air Force officer professional  
18 military education in-residence courses.

19           (2) The objectives for the attendance of such  
20 enlisted personnel at such officer professional mili-  
21 tary education courses.

22           (3) The required prerequisites for such enlisted  
23 personnel to attend such officer professional military  
24 education courses.

1           (4) The process for selecting such enlisted per-  
2           sonnel to attend such officer professional military  
3           education courses.

4           (5) The impact of the attendance of such en-  
5           listed personnel at such officer professional military  
6           education courses on the availability of officer alloca-  
7           tions for the attendance of officers at such courses.

8           (6) The impact of the attendance of such en-  
9           listed personnel at such officer professional military  
10          education courses on the morale and retention of of-  
11          ficers attending such courses.

12          (7) The resources required for such enlisted  
13          personnel to attend such officer professional military  
14          education courses.

15          (8) The impact on unit and overall Air Force  
16          manning levels of the attendance of such enlisted  
17          personnel at such officer professional military edu-  
18          cation courses, especially at the statutorily-limited  
19          end strengths of grades E-8 and E-9.

20          (9) The extent to which graduation by such en-  
21          listed personnel from such officer professional mili-  
22          tary education courses is a requirement for Air  
23          Force or joint assignments.

1           (10) The planned assignment utilization for Air  
2 Force enlisted graduates of such officer professional  
3 military education courses.

4           (11) Any other matters in connection with the  
5 attendance of such enlisted personnel at such officer  
6 professional military education courses that the Sec-  
7 retary considers appropriate.

8           (c) COMPTROLLER GENERAL OF THE UNITED  
9 STATES REPORT.—

10           (1) IN GENERAL.—Not later than 90 days after  
11 the date the Secretary submits the report described  
12 in subsection (a)(1), the Comptroller General shall  
13 submit to the Committees on Armed Services of the  
14 Senate and the House of Representatives a briefing  
15 on an assessment of the report by the Comptroller  
16 General. As soon as practicable after the briefing,  
17 the Comptroller General shall submit to such com-  
18 mittees a report on such assessment for purposes of  
19 subsection (a)(2).

20           (2) ELEMENTS.—The report under paragraph  
21 (1) shall include the following:

22           (A) An assessment of whether the conclu-  
23 sions and assertions included in the report of  
24 the Secretary under subsection (a) are com-

1           comprehensive, fully supported, and sufficiently de-  
2           tailed.

3                   (B) An identification of any shortcomings,  
4           limitations, or other reportable matters that af-  
5           fect the quality of the findings or conclusions of  
6           the report of the Secretary.

7 **SEC. 546. PILOT PROGRAM ON INTEGRATION OF DEPART-**  
8                   **MENT OF DEFENSE AND NON-FEDERAL EF-**  
9                   **FORTS FOR CIVILIAN EMPLOYMENT OF MEM-**  
10                  **BERS OF THE ARMED FORCES FOLLOWING**  
11                  **TRANSITION FROM ACTIVE DUTY TO CIVIL-**  
12                  **IAN LIFE.**

13           (a) PILOT PROGRAM REQUIRED.—

14                   (1) IN GENERAL.—The Secretary of Defense  
15           shall conduct a pilot program to assess the  
16           feasability and advisability of assisting members of  
17           the Armed Forces described in subsection (c) who  
18           are undergoing the transition from active duty in the  
19           Armed Forces to civilian life by accelerating and im-  
20           proving their access to employment following their  
21           transition to civilian life through the coordination,  
22           integration, and leveraging of existing programs and  
23           authorities of the Department of Defense for such  
24           purposes with programs and resources of State and  
25           local agencies, institutions of higher education, em-

1       employers, and other public, private, and nonprofit en-  
2       tities applicable to the pilot program.

3               (2) EXISTING COMMUNITY PROGRAMS AND RE-  
4       SOURCES.—For purposes of this section, existing  
5       programs and resources of State and local agencies,  
6       institutions of higher education, employers, and  
7       other public, private, and nonprofit entities described  
8       in paragraph (1) in the vicinity of a location of the  
9       pilot program are referred to as the “existing com-  
10      munity programs and resources” in that vicinity.

11      (b) GOALS.—The goals of the pilot program shall be  
12      as follows:

13              (1) To facilitate the coordination of existing  
14      community programs and resources in the locations  
15      of the pilot program in order to identify a model for  
16      the coordination of such programs and authorities  
17      that can be replicated nationwide in communities in  
18      which members of the Armed Forces described in  
19      subsection (c) are undergoing the transition from ac-  
20      tive duty to civilian life.

21              (2) To identify mechanisms by which the De-  
22      partment of Defense and existing community pro-  
23      grams and resources may work with employers and  
24      members of the Armed Forces described in sub-  
25      section (c) in order to—

1 (A) identify workforce needs that may be  
2 satisfiable by such members following their  
3 transition to civilian life;

4 (B) identify military occupational skills  
5 that may satisfy the workforce needs identified  
6 pursuant to subparagraph (A); and

7 (C) identify gaps in the training of mem-  
8 bers of the Armed Forces that may require re-  
9 mediation in order to satisfy workforce needs  
10 identified pursuant to subparagraph (A), and  
11 identify mechanisms by which members of the  
12 Armed Forces described in subsection (c) may  
13 receive training to remediate such gaps.

14 (3) To identify mechanisms to assist members  
15 of the Armed Forces described in subsection (c) in  
16 bridging geographical gaps between their final mili-  
17 tary installations and nearby metropolitan areas in  
18 which employment and necessary training are likely  
19 to be available to such members during or following  
20 their transition to civilian life.

21 (c) COVERED MEMBERS.—The members of the  
22 Armed Forces described in this subsection are the fol-  
23 lowing:

1           (1) Regular members of the Armed Forces who  
2           are within 180 days of discharge or release from the  
3           Armed Forces.

4           (2) Members of the reserve components of the  
5           Armed Forces (whether National Guard or Reserve)  
6           who are on active duty for a period of more than  
7           365 days and are within 180 days of release from  
8           such active duty.

9           (d) LOCATIONS.—

10           (1) IN GENERAL.—The Secretary shall carry  
11           out the pilot program at not less than five locations  
12           selected by the Secretary for purposes of the pilot  
13           program.

14           (2) SELECTION REQUIREMENTS.—Each location  
15           selected pursuant to paragraph (1) shall—

16           (A) include a military installation—

17           (i) that has a well-established mili-  
18           tary-civilian community relationship with  
19           the civilian communities nearby; and

20           (ii) at which serves an appropriate  
21           population of members of the Armed  
22           Forces described in subsection (c);

23           (B) have a large employment or industry  
24           base that supports a variety of occupational op-  
25           portunities;

1           (C) have appropriate institutional infra-  
2           structure for the provision of worker training;  
3           and

4           (D) take place in a different geographic re-  
5           gion of the United States.

6           (e) ELEMENTS.—At each location selected for the  
7 pilot program there shall be the following:

8           (1) A mechanism to identify existing commu-  
9           nity programs and resources for participation in the  
10          pilot program, including programs and resources  
11          that are currently working with programs and au-  
12          thorities of the Department of Defense to assist  
13          members of the Armed Forces described in sub-  
14          section (c), and, especially, programs and resources  
15          that are recognized as engaging in best practices in  
16          working with such programs and authorities of the  
17          Department.

18          (2) A mechanism to assess the willingness of  
19          employers in the vicinity of such location to partici-  
20          pate in the pilot program and employ members of  
21          the Armed Forces participating in the pilot program  
22          following their transition to civilian life.

23          (3) A mechanism to assess the willingness of  
24          the State in which such location is located to recog-

1 nize military training for credit for professional and  
2 occupational licenses.

3 (4) A civilian community coordinator for the  
4 pilot program, who shall be responsible for imple-  
5 mentation and execution of the pilot program for the  
6 Department, and for coordinating existing commu-  
7 nity programs and resources, at such location by—

8 (A) pursuing a multi-faceted outreach and  
9 engagement strategy that leverages relation-  
10 ships with appropriate public, private, and non-  
11 profit entities in the vicinity of such location for  
12 purposes of the pilot program;

13 (B) developing and implementing a pro-  
14 gram using existing resources, infrastructure,  
15 and experience to maximize the benefits of the  
16 pilot program for members of the Armed  
17 Forces participating in the pilot program by  
18 minimizing the time required for completion of  
19 training provided to such members under the  
20 pilot program, which program shall—

21 (i) compliment continuing Department  
22 efforts to assist members of the Armed  
23 Forces in their transition from active duty  
24 in the Armed Forces to civilian life and to  
25 coordinate with existing veteran employ-

1           ment programs for purposes of such ef-  
2           forts;

3           (ii) provide for the cultivation of a  
4           network of partners among the entities de-  
5           scribed in subparagraph (A) in order to  
6           maximize the number of opportunities for  
7           civilian employment for members of the  
8           Armed Forces participating in the pilot  
9           program following their transition to civil-  
10          ian life;

11          (iii) provide for the use of comprehen-  
12          sive assessments of the military experience  
13          gained by members of the Armed Forces  
14          participating in the pilot program in order  
15          to assist them in obtaining civilian employ-  
16          ment relating to their military occupations  
17          following their transition to civilian life;

18          (iv) seek to secure for members of the  
19          Armed Forces participating in the pilot  
20          program maximum credit for prior military  
21          service in their pursuit of civilian employ-  
22          ment following their transition to civilian  
23          life;

24          (v) seek to eliminate unnecessary and  
25          redundant elements of the training pro-

1           vided for purposes of the pilot program to  
2           members of the Armed Forces partici-  
3           pating in the pilot program;

4           (vi) seek to minimize the time re-  
5           quired for members of the Armed Forces  
6           participating in the pilot program in ob-  
7           taining skills, credentials, or certifications  
8           required for civilian employment following  
9           their transition to civilian life; and

10          (vii) provide for the continuous collec-  
11          tion of data and feedback from employers  
12          in the vicinity of such location in order to  
13          tailor training provided to members of the  
14          Armed Forces for purposes of the pilot  
15          program to meet the needs of such employ-  
16          ers.

17          (5) A plan of action for delivering additional  
18          training and credentialing modules for members of  
19          the Armed Forces described in subsection (c) in  
20          order to seek to provide such members with skills  
21          that are in high demand in the vicinity and region  
22          of such location.

23          (f) REPORTS.—

24                  (1) INITIAL REPORT.—Not later than one year  
25          after the date of the commencement of the pilot pro-

1 gram, the Secretary shall submit to the Committees  
2 on Armed Services of the Senate and the House of  
3 Representatives a report on the pilot program. The  
4 report shall include, for each location selected for  
5 the pilot program pursuant to subsection (d), the  
6 following:

7 (A) A full description of the pilot program,

8 including—

9 (i) the number of members of the  
10 Armed Forces participating in the pilot  
11 program;

12 (ii) the outreach to public, private,  
13 and nonprofit entities conducted for pur-  
14 poses of the pilot program to encourage  
15 such entities to participate in the pilot pro-  
16 gram;

17 (iii) the entities participating in the  
18 pilot program, set forth by employment  
19 sector;

20 (iv) the number of members partici-  
21 pating in the pilot program who obtained  
22 employment with an entity participating in  
23 the pilot program, set forth by employment  
24 sector;

1           (v) a description of any additional  
2           training provided to members participating  
3           in the pilot program for purposes of the  
4           pilot program, including the amount of  
5           time required for such additional training;  
6           and

7           (vi) a description of the cost of the  
8           pilot program.

9           (B) A current assessment of the effect of  
10          the pilot program on Department of Defense  
11          and community efforts to assist members of the  
12          Armed Forces described in subsection (c) in ob-  
13          taining civilian employment following their tran-  
14          sition to civilian life.

15          (2) FINAL REPORT.—Not later than 90 days  
16          before the date on which the pilot program termi-  
17          nates, the Secretary shall submit to the Committees  
18          on Armed Services of the Senate and the House of  
19          Representatives an update of the report submitted  
20          under paragraph (1).

21          (g) CONSTRUCTION.—Nothing in this section may be  
22          construed to authorize the Secretary to hire additional em-  
23          ployees for the Department of Defense to carry out the  
24          pilot program.

1 (h) TERMINATION.—The authority of the Secretary  
2 to carry out the pilot program shall terminate on the date  
3 that is two years after the date on which the pilot program  
4 commences.

5 **SEC. 547. TWO-YEAR EXTENSION OF SUICIDE PREVENTION**  
6 **AND RESILIENCE PROGRAM FOR THE NA-**  
7 **TIONAL GUARD AND RESERVES.**

8 Section 10219(g) of title 10, United States Code, is  
9 amended by striking “October 1, 2018” and inserting  
10 “October 1, 2020”.

11 **SEC. 548. SEXUAL ASSAULT PREVENTION AND RESPONSE**  
12 **TRAINING FOR ALL INDIVIDUALS ENLISTED**  
13 **IN THE ARMED FORCES UNDER A DELAYED**  
14 **ENTRY PROGRAM.**

15 (a) TRAINING REQUIRED.—Commencing not later  
16 than January 1, 2018, each Secretary concerned shall, in-  
17 sofar as practicable, provide training on sexual assault  
18 prevention and response to each individual under the juris-  
19 diction of such Secretary who is enlisted in the Armed  
20 Forces under a delayed entry program such that each such  
21 individual completes such training before the date of com-  
22 mencement of basic training or initial active duty for  
23 training in the Armed Forces.

24 (b) ELEMENTS.—

1           (1) IN GENERAL.—The training provided pur-  
2           suant to subsection (a) shall meet such requirements  
3           as the Secretary of Defense shall establish for pur-  
4           poses of this section. Such training shall, to the ex-  
5           tent practicable, be uniform across the Armed  
6           Forces.

7           (2) SENSE OF CONGRESS ON PROVISION AND  
8           NATURE OF TRAINING.—It is the sense of Congress  
9           that the training should—

10                   (A) be provided through in-person instruc-  
11                   tion, whenever possible; and

12                   (B) include instruction on the proper use  
13                   of social media.

14           (c) DEFINITIONS.—In this section:

15                   (1) The term “delayed entry program” means  
16                   the following:

17                           (A) The Future Soldiers Program of the  
18                           Army.

19                           (B) The Delayed Entry Program of the  
20                           Navy and the Marine Corps.

21                           (C) The program of the Air Force for the  
22                           delayed entry of enlistees into the Air Force.

23                           (D) The program of the Coast Guard for  
24                           the delayed entry of enlistees into the Coast  
25                           Guard.

1 (E) Any successor program to a program  
2 referred to in subparagraphs (A) through (D).

3 (2) The term “Secretary concerned” has the  
4 meaning given that term in section 101(a)(9) of title  
5 10, United States Code.

6 **SEC. 549. USE OF ASSISTANCE UNDER DEPARTMENT OF DE-**  
7 **FENSE TUITION ASSISTANCE PROGRAM FOR**  
8 **NON-TRADITIONAL EDUCATION TO DEVELOP**  
9 **CYBERSECURITY AND COMPUTER CODING**  
10 **SKILLS.**

11 (a) BRIEFING ON USE REQUIRED.—Not later than  
12 60 days after the date of the enactment of this Act, the  
13 Secretary of Defense shall provide the Committees on  
14 Armed Services of the Senate and the House of Represent-  
15 atives a briefing on the feasibility and advisability of the  
16 enactment into law of the authority described in sub-  
17 section (b).

18 (b) AUTHORITY.—The authority described in this  
19 subsection is authority for a member of the Armed Forces  
20 who is eligible for tuition assistance under the Department  
21 of Defense Tuition Assistance (TA) Program to use such  
22 assistance at or with an educational institution described  
23 in subsection (c) for courses or programs of education of  
24 such educational institution in connection with the fol-  
25 lowing:

1           (1) Cybersecurity skills or related skills.

2           (2) Computer coding skills or related skills.

3           (c) EDUCATIONAL INSTITUTIONS.—

4           (1) IN GENERAL.—An educational institution  
5           described in this subsection is an educational institu-  
6           tion not otherwise approved for participation in the  
7           Department of Defense Tuition Assistance Program  
8           that receives approval from the Department of De-  
9           fense for participation in the program for courses or  
10          programs of education described in subsection (b).

11          (2) APPROVAL.—Any approval of the participa-  
12          tion of an educational institution in the Program  
13          under this subsection would be granted by the  
14          Under Secretary of Defense for Personnel and Read-  
15          iness in accordance with such guidance as the Under  
16          Secretary would issue for purposes of this section.

17          (3) MEMORANDA OF UNDERSTANDING.—The  
18          Under Secretary would enter into a memorandum of  
19          understanding with each educational institution ap-  
20          proved for participation in the Program pursuant to  
21          this subsection regarding the participation of such  
22          educational institution in the Program. Each memo-  
23          randum of understanding would set forth such terms  
24          and conditions regarding the participation of the  
25          educational institution concerned in the Program, in-

1 including terms and conditions applicable to the  
 2 courses or programs for which tuition assistance  
 3 under the Program could be used, as the Under Sec-  
 4 retary would consider appropriate for purposes of  
 5 this section.

6 (d) COURSES AND PROGRAMS.—The courses and pro-  
 7 grams of education for which tuition assistance could be  
 8 used pursuant to the authority in subsection (b) would in-  
 9 clude the following:

10 (1) Massive online open courses (MOOCs).

11 (2) Short-term certification courses, including  
 12 so-called computer coding “boot camps”.

13 (3) Such other non-traditional courses and pro-  
 14 grams of education leading to skills specified in sub-  
 15 section (b) as the Under Secretary would consider  
 16 appropriate for purposes of this section.

17 **Subtitle F—Defense Dependents’**  
 18 **Education and Military Family**  
 19 **Readiness Matters**

20 **PART I—DEFENSE DEPENDENTS’ EDUCATION**

21 **MATTERS**

22 **SEC. 551. IMPACT AID FOR CHILDREN WITH SEVERE DIS-**  
 23 **ABILITIES.**

24 (a) IN GENERAL.—Of the amount authorized to be  
 25 appropriated for fiscal year 2018 pursuant to section 301

1 and available for operation and maintenance for Defense-  
2 wide activities as specified in the funding table in section  
3 4301, \$10,000,000 shall be available for payments under  
4 section 363 of the Floyd D. Spence National Defense Au-  
5 thorization Act for Fiscal Year 2001 (as enacted into law  
6 by Public Law 106–398; 114 Stat. 1654A–77; 20 U.S.C.  
7 7703a).

8 (b) USE OF CERTAIN AMOUNT.—Of the amount  
9 available under subsection (a) for payments as described  
10 in that subsection, \$5,000,000 shall be available for such  
11 payments to local educational agencies determined by the  
12 Secretary of Defense, in the discretion of the Secretary,  
13 to have higher concentrations of military children with se-  
14 vere disabilities.

15 **SEC. 552. CONTINUATION OF AUTHORITY TO ASSIST LOCAL**  
16 **EDUCATIONAL AGENCIES THAT BENEFIT DE-**  
17 **PENDENTS OF MEMBERS OF THE ARMED**  
18 **FORCES AND DEPARTMENT OF DEFENSE CI-**  
19 **VILIAN EMPLOYEES.**

20 (a) ASSISTANCE TO SCHOOLS WITH SIGNIFICANT  
21 NUMBERS OF MILITARY DEPENDENT STUDENTS.—Of the  
22 amount authorized to be appropriated for fiscal year 2018  
23 by section 301 and available for operation and mainte-  
24 nance for Defense-wide activities as specified in the fund-  
25 ing table in section 4301, \$25,000,000 shall be available

1 only for the purpose of providing assistance to local edu-  
 2 cational agencies under subsection (a) of section 572 of  
 3 the National Defense Authorization Act for Fiscal Year  
 4 2006 (Public Law 109–163; 20 U.S.C. 7703b).

5 (b) LOCAL EDUCATIONAL AGENCY DEFINED.—In  
 6 this section, the term “local educational agency” has the  
 7 meaning given that term in section 7013(9) of the Ele-  
 8 mentary and Secondary Education Act of 1965 (20 U.S.C.  
 9 7713(9)).

10 **SEC. 553. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**  
 11 **ING TO THE TRANSITION AND SUPPORT OF**  
 12 **MILITARY DEPENDENT STUDENTS TO LOCAL**  
 13 **EDUCATIONAL AGENCIES.**

14 Section 574(c)(3) of the John Warner National De-  
 15 fense Authorization Act for Fiscal Year 2007 (20 U.S.C.  
 16 7703b note) is amended by striking “September 30,  
 17 2017” and inserting “September 30, 2018”.

18 **PART II—MILITARY FAMILY READINESS**  
 19 **MATTERS**

20 **SEC. 556. HOUSING TREATMENT FOR CERTAIN MEMBERS**  
 21 **OF THE ARMED FORCES, AND THEIR**  
 22 **SPOUSES AND OTHER DEPENDENTS, UNDER-**  
 23 **GOING A PERMANENT CHANGE OF STATION**  
 24 **WITHIN THE UNITED STATES.**

25 (a) HOUSING TREATMENT.—

1           (1) IN GENERAL.—Chapter 7 of title 37, United  
2 States Code, is amended by inserting after section  
3 403 the following new section:

4 **“§ 403a. Housing treatment for certain members of**  
5 **the armed forces, and their spouses and**  
6 **other dependents, undergoing a perma-**  
7 **nent change of station within the United**  
8 **States**

9           “(a) HOUSING TREATMENT FOR CERTAIN MEMBERS  
10 WHO HAVE A SPOUSE OR OTHER DEPENDENTS.—

11           “(1) HOUSING TREATMENT REGULATIONS.—

12           The Secretary of Defense shall prescribe regulations  
13 that permit a member of the armed forces described  
14 in paragraph (2) who is undergoing a permanent  
15 change of station within the United States to re-  
16 quest the housing treatment described in subsection  
17 (b) during the covered relocation period of the mem-  
18 ber.

19           “(2) ELIGIBLE MEMBERS.—A member de-  
20 scribed in this paragraph is any member who—

21           “(A) has a spouse who is gainfully em-  
22 ployed or enrolled in a degree, certificate or li-  
23 cense granting program at the beginning of the  
24 covered relocation period;

1           “(B) has one or more dependents attend-  
2           ing an elementary or secondary school at the  
3           beginning of the covered relocation period;

4           “(C) has one or more dependents enrolled  
5           in the Exceptional Family Member Program; or

6           “(D) is caring for an immediate family  
7           member with a chronic or long-term illness at  
8           the beginning of the covered relocation period.

9           “(b) HOUSING TREATMENT.—

10           “(1) CONTINUATION OF HOUSING FOR THE  
11           SPOUSE AND OTHER DEPENDENTS.—If a spouse or  
12           other dependent of a member whose request under  
13           subsection (a) is approved resides in Government-  
14           owned or Government-leased housing at the begin-  
15           ning of the covered relocation period, the spouse or  
16           other dependent may continue to reside in such  
17           housing during a period determined in accordance  
18           with the regulations prescribed pursuant to this sec-  
19           tion.

20           “(2) EARLY HOUSING ELIGIBILITY.—If a  
21           spouse or other dependent of a member whose re-  
22           quest under subsection (a) is approved is eligible to  
23           reside in Government-owned or Government-leased  
24           housing following the member’s permanent change  
25           of station within the United States, the spouse or

1 other dependent may commence residing in such  
2 housing at any time during the covered relocation  
3 period.

4 “(3) TEMPORARY USE OF GOVERNMENT-OWNED  
5 OR GOVERNMENT-LEASED HOUSING INTENDED FOR  
6 MEMBERS WITHOUT A SPOUSE OR DEPENDENT.—If  
7 a spouse or other dependent of a member relocates  
8 at a time different from the member in accordance  
9 with a request approved under subsection (a), the  
10 member may be assigned to Government-owned or  
11 Government-leased housing intended for the perma-  
12 nent housing of members without a spouse or de-  
13 pendent until the member’s detachment date or the  
14 spouse or other dependent’s arrival date, but only if  
15 such Government-owned or Government-leased hous-  
16 ing is available without displacing a member without  
17 a spouse or dependent at such housing.

18 “(4) EQUITABLE BASIC ALLOWANCE FOR HOUS-  
19 ING.—If a spouse or other dependent of a member  
20 relocates at a time different from the member in ac-  
21 cordance with a request approved under subsection  
22 (a), the amount of basic allowance for housing pay-  
23 able may be based on whichever of the following  
24 areas the Secretary concerned determines to be the  
25 most equitable:

1           “(A) The area of the duty station to which  
2           the member is reassigned.

3           “(B) The area in which the spouse or  
4           other dependent resides, but only if the spouse  
5           or other dependent resides in that area when  
6           the member departs for the duty station to  
7           which the member is reassigned, and only for  
8           the period during which the spouse or other de-  
9           pendent resides in that area.

10          “(C) The area of the former duty station  
11          of the member, but only if that area is different  
12          from the area in which the spouse or other de-  
13          pendent resides.

14          “(c) RULE OF CONSTRUCTION RELATED TO CERTAIN  
15          BASIC ALLOWANCE FOR HOUSING PAYMENTS.—Nothing  
16          in this section shall be construed to limit the payment or  
17          the amount of basic allowance for housing payable under  
18          section 403(d)(3)(A) of this title to a member whose re-  
19          quest under subsection (a) is approved.

20          “(d) INAPPLICABILITY TO COAST GUARD.—This sec-  
21          tion does not apply to members of the Coast Guard.

22          “(e) HOUSING TREATMENT EDUCATION.—The regu-  
23          lations prescribed pursuant to this section shall ensure the  
24          relocation assistance programs under section 1056 of title  
25          10 include, as part of the assistance normally provided

1 under such section, education about the housing treatment  
2 available under this section.

3 “(f) DEFINITIONS.—In this section:

4 “(1) COVERED RELOCATION PERIOD.—(A) Sub-  
5 ject to subparagraph (B), the term ‘covered reloca-  
6 tion period’, when used with respect to a permanent  
7 change of station of a member of the armed forces,  
8 means the period that—

9 “(i) begins 180 days before the date of the  
10 permanent change of station; and

11 “(ii) ends 180 days after the date of the  
12 permanent change of station.

13 “(B) The regulations prescribed pursuant to  
14 this section may provide for a shortening or length-  
15 ening of the covered relocation period of a member  
16 for purposes of this section.

17 “(2) DEPENDENT.—The term ‘dependent’ has  
18 the meaning given that term in section 401 of this  
19 title.

20 “(3) PERMANENT CHANGE OF STATION.—The  
21 term ‘permanent change of station’ means a perma-  
22 nent change of station described in section 452(b)(2)  
23 of this title.”.

24 (2) CLERICAL AMENDMENT.—The table of sec-  
25 tions at the beginning of chapter 7 such title is

1           amended by inserting after the item relating to sec-  
2           tion 403 the following new item:

“403a. Housing treatment for certain members of the armed forces, and their spouses and other dependents, undergoing a permanent change of station within the United States.”.

3           (b) **EFFECTIVE DATE.**—The amendments made by  
4 this section shall take effect on October 1, 2018.

5 **SEC. 557. DIRECT HIRE AUTHORITY FOR DEPARTMENT OF**  
6                           **DEFENSE FOR CHILDCARE SERVICES PRO-**  
7                           **VIDERS FOR DEPARTMENT CHILD DEVELOP-**  
8                           **MENT CENTERS.**

9           (a) **IN GENERAL.**—The Secretary of Defense may,  
10 without regard to the provisions of subchapter I of chapter  
11 33 of title 5, United States Code, recruit and appoint  
12 qualified childcare services providers to positions within  
13 the Department of Defense child development centers.

14           (b) **REGULATIONS.**—The Secretary shall carry out  
15 this section in accordance with regulations prescribed by  
16 the Secretary for purposes of this section.

17           (c) **DEADLINE FOR IMPLEMENTATION.**—The Sec-  
18 retary shall prescribe the regulations required by sub-  
19 section (b), and commence implementation of subsection  
20 (a), by not later than May 1, 2018.

21           (d) **CHILDCARE SERVICES PROVIDER DEFINED.**—In  
22 this section, the term “childcare services provider” means  
23 a person who provides childcare services for dependent  
24 children of members of the Armed Forces and civilian em-

1 ployees of the Department of Defense in child development  
2 centers on Department installations.

3 **SEC. 558. REPORT ON EXPANDING AND CONTRACTING FOR**  
4 **CHILDCARE SERVICES OF THE DEPARTMENT**  
5 **OF DEFENSE.**

6 Not later than March 1, 2018, the Secretary of De-  
7 fense shall submit to the Committees on Armed Services  
8 of the Senate and the House of Representatives a report  
9 setting forth an assessment, undertaken by the Secretary  
10 for purposes of the report, of the feasibility and advis-  
11 ability of the following:

12 (1) Expanding the operating hours of childcare  
13 facilities of the Department of Defense in order to  
14 meet childcare services requirements for swing-shift,  
15 night-shift, and weekend workers.

16 (2) Using contracts with private-sector  
17 childcare services providers to expand the availability  
18 of childcare services for members of the Armed  
19 Forces at locations outside military installations at  
20 costs similar to the current costs for childcare serv-  
21 ices through child development centers on military  
22 installations.

23 (3) Contracting with private-sector childcare  
24 services providers to operate childcare facilities of  
25 the Department on military installations.

1           (4) Expanding childcare services as described in  
2 paragraphs (1) through (3) to members of the Na-  
3 tional Guard and Reserves in a manner that does  
4 not substantially raise costs of childcare services for  
5 the military departments or conflict with others who  
6 have a higher priority for space in childcare services  
7 programs, such as members of the Armed Forces on  
8 active duty.

9 **SEC. 559. REPORT ON REVIEW OF GENERAL SCHEDULE PAY**  
10 **GRADES OF CHILDCARE SERVICES PRO-**  
11 **VIDERS OF THE DEPARTMENT OF DEFENSE.**

12           (a) REPORT REQUIRED.—Not later than March 1,  
13 2018, the Secretary of Defense shall submit to the Com-  
14 mittees on Armed Services of the Senate and the House  
15 of Representatives a report on a review, undertaken by  
16 the Secretary for purposes of the report, of the General  
17 Schedule pay grades for childcare services provider posi-  
18 tions within the Department of Defense.

19           (b) ELEMENTS OF REVIEW.—The review undertaken  
20 for purposes of subsection (a) shall include the following:

21           (1) A comparison of the compensation provided  
22 for current General Schedule pay grades for  
23 childcare services provider positions within the De-  
24 partment with the compensation provided to

1 childcare services providers in the private sector pro-  
2 viding similar childcare services.

3 (2) An assessment of the mix of General Sched-  
4 ule pay grades currently required by the Department  
5 to most effectively recruit and retain childcare serv-  
6 ices providers for military dependents.

7 (3) A comparison of the budget implications of  
8 the current General Schedule pay grade mix with  
9 the General Schedule pay grade mix determined pur-  
10 suant to paragraph (2) to be required by the De-  
11 partment to most effectively recruit and retain  
12 childcare services providers for military dependents.

13 **SEC. 560. PILOT PROGRAM ON PUBLIC-PRIVATE PARTNER-**  
14 **SHIPS FOR TELEWORK FACILITIES ON MILI-**  
15 **TARY INSTALLATIONS OUTSIDE THE UNITED**  
16 **STATES.**

17 (a) IN GENERAL.—Commencing not later than one  
18 year after the date of the enactment of this Act, the Sec-  
19 retary of Defense shall carry out a pilot program to assess  
20 the feasibility and advisability of providing telework facili-  
21 ties for military spouses on military installations outside  
22 the United States. The Secretary shall consult with the  
23 host nation or nations concerned in carrying out the pilot  
24 program.

1 (b) NUMBER OF INSTALLATIONS.—The Secretary  
2 shall carry out the pilot program at not less than two mili-  
3 tary installations outside the United States selected by the  
4 Secretary for purposes of the pilot program.

5 (c) DURATION.—The duration of the pilot program  
6 shall be a period selected by the Secretary, but not more  
7 than three years.

8 (d) ELEMENTS.—The pilot program shall include the  
9 following elements:

10 (1) The pilot program shall be conducted as one  
11 or more public-private partnerships between the De-  
12 partment of Defense and a private corporation or  
13 partnership of private corporations.

14 (2) The corporation or corporations partici-  
15 pating in the pilot program shall contribute to the  
16 carrying out of the pilot program an amount equal  
17 to the amount committed by the Secretary to the  
18 pilot program at the time of its commencement.

19 (3) The Secretary shall enter into one or more  
20 memoranda of understanding with the corporation  
21 or corporations participating in the pilot program  
22 for purposes of the pilot program, including the  
23 amounts to be contributed by such corporation or  
24 corporations pursuant to paragraph (2).

1           (4) The telework undertaken by military  
2 spouses under the pilot program may only be for  
3 United States companies.

4           (5) The pilot program shall permit military  
5 spouses to provide administrative, informational  
6 technology, professional, and other necessary sup-  
7 port to companies through telework from Depart-  
8 ment installations outside the United States.

9           (e) FUNDING.—Of the amount authorized to be ap-  
10 propriated for fiscal year 2018 by section 401 and avail-  
11 able for military personnel as specified in the funding table  
12 in section 4401, up to \$1,000,000 may be available to  
13 carry out the pilot program, including entry into memo-  
14 randa of understanding pursuant to subsection (d)(3) and  
15 payment by the Secretary of the amount committed by the  
16 Secretary to the pilot program pursuant to subsection  
17 (d)(2).

18 **SEC. 561. REPORT ON MECHANISMS TO FACILITATE THE**  
19 **OBTAINING BY MILITARY SPOUSES OF PRO-**  
20 **FSSIONAL LICENSES OR CREDENTIALS IN**  
21 **OTHER STATES.**

22           Not later than March 1, 2018, the Secretary of De-  
23 fense shall submit to the Committees on Armed Services  
24 of the Senate and the House of Representatives a report

1 setting forth an assessment of the feasibility and advis-  
2 ability of the following:

3 (1) The development and maintenance of a  
4 joint Federal-State clearing house to process the  
5 professional license and credential information of  
6 military spouses in order—

7 (A) to facilitate the matching of such in-  
8 formation with State professional licensure and  
9 credentialing requirements; and

10 (B) to provide military spouses information  
11 on the actions required to obtain professional li-  
12 censes or credentials in other States.

13 (2) The establishment of a joint Federal-State  
14 taskforce dedicated to the elimination of unnecessary  
15 or duplicative professional licensure and  
16 credentialing requirements among the States.

17 (3) The development and maintenance of an  
18 Internet website that serves as a one-stop resource  
19 on professional licenses and credentials for military  
20 spouses that sets forth license and credential re-  
21 quirements for common professions in the States  
22 and provides assistance and other resources for mili-  
23 tary spouses seeking to obtain professional licenses  
24 or credentials in other States.

1 **SEC. 562. ADDITIONAL MILITARY CHILDCARE MATTERS.**

2 (a) HOURS OF OPERATION OF CHILDCARE DEVELOP-  
3 MENT CENTERS OF THE DEPARTMENT OF DEFENSE.—

4 (1) IN GENERAL.—The hours of operation of  
5 each childcare development center (CDC) of the De-  
6 partment of Defense shall, to the extent practicable,  
7 be set and maintained in manner that takes into ac-  
8 count the demands and circumstances of members of  
9 the Armed Forces, including members of the reserve  
10 components, who use such center in facilitation of  
11 the performance of their military duties.

12 (2) MATTERS TO BE TAKEN INTO ACCOUNT.—  
13 The demands and circumstances to be taken into ac-  
14 count under paragraph (1) for purposes of setting  
15 and maintaining the hours of operation of a  
16 childcare development center shall include the fol-  
17 lowing:

18 (A) Mission requirements of units whose  
19 members use such center.

20 (B) The unpredictability of work schedules,  
21 and fluctuations in day-to-day work hours, of  
22 such members.

23 (C) The potential for frequent and pro-  
24 longed absences of such members for training,  
25 operations, and deployments.

1           (D) The location of such center on the  
2           military installation concerned, including the lo-  
3           cation in connection with duty locations of  
4           members and applicable military family hous-  
5           ing.

6           (E) The geographic separation of such  
7           members from their extended family.

8           (F) The impact on the ability of such  
9           members to perform their military duties of em-  
10          ployment of their spouses or educational pur-  
11          suits of their spouses.

12          (G) Such other matters as the Secretary of  
13          the military department concerned considers ap-  
14          propriate for purposes of this subsection.

15          (b) **CHILDCARE COORDINATORS FOR MILITARY IN-**  
16          **STALLATIONS.**—

17           (1) **CHILDCARE COORDINATORS.**—Each Sec-  
18          retary of a military department shall provide for a  
19          childcare coordinator at each military installation  
20          under the jurisdiction of such Secretary at which are  
21          stationed significant numbers of members of the  
22          Armed Forces with accompanying dependent chil-  
23          dren, as determined by such Secretary.

24           (2) **NATURE OF POSITION.**—The childcare coor-  
25          dinator for a military installation may be an indi-

1       vidual appointed to that position on full-time or  
2       part-time basis or an individual appointed to another  
3       position whose duties in such other position are con-  
4       sistent with the discharge by the person of the du-  
5       ties of childcare coordinator.

6               (3) DUTIES.—Each childcare coordinator for an  
7       installation shall carry out the duties as follows:

8                   (A) Act as an advocate for military fami-  
9       lies at the installation on childcare matters both  
10      on-installation and off-installation.

11                  (B) Work with the commander of the in-  
12      stallation in order to seek to ensure that the  
13      childcare development centers at the installa-  
14      tion, together with any other available childcare  
15      options on or in the vicinity of the installa-  
16      tion—

17                   (i) provide a quality of care (including  
18      a caregiver-to-child ratio) commensurate  
19      with best practices of private providers of  
20      childcare services; and

21                   (ii) are responsive to the childcare  
22      needs of members stationed at the installa-  
23      tion and their families.

1 (C) Work with private providers of  
2 childcare services in the vicinity of the installa-  
3 tion in order to—

4 (i) track vacancies in the childcare fa-  
5 cilities of such providers;

6 (ii) seek to increase the availability of  
7 affordable childcare services for such mem-  
8 bers; and

9 (iii) otherwise ease the use of such  
10 services by such members.

11 (D) Such other duties as the Secretary of  
12 the military department concerned shall specify.

## 13 **Subtitle G—Decorations and** 14 **Awards**

### 15 **SEC. 571. AUTHORITY OF SECRETARY OF THE ARMY TO** 16 **AWARD THE PERSONNEL PROTECTION** 17 **EQUIPMENT AWARD OF THE ARMY TO** 18 **FORMER MEMBERS OF THE ARMY.**

19 Notwithstanding any requirement in section 1125 of  
20 title 10, United States Code, relating to the award of  
21 awards only to current members of the Armed Forces, the  
22 Secretary of the Army may award the Personnel Protec-  
23 tion Equipment (PPE) award of the Army to former mem-  
24 bers of the Army.

1 **SEC. 572. AUTHORIZATION FOR AWARD OF DISTINGUISHED**  
 2 **SERVICE CROSS TO SPECIALIST FRANK M.**  
 3 **CRARY FOR ACTS OF VALOR IN VIETNAM.**

4 (a) AUTHORIZATION.—Notwithstanding the time lim-  
 5 itations specified in section 3744 of title 10, United States  
 6 Code, or any other time limitation with respect to the  
 7 awarding of certain medals to persons who served in the  
 8 Armed Forces, the President may award the Distin-  
 9 guished Service Cross under section 3742 of such title to  
 10 Specialist Frank M. Crary for the acts of valor in Vietnam  
 11 described in subsection (b).

12 (b) ACTS OF VALOR DESCRIBED.—The acts of valor  
 13 referred to in subsection (a) are the actions of Frank M.  
 14 Crary on April 7, 1966, as a member of the Army serving  
 15 in the grade of Specialist in Vietnam while serving with  
 16 Company D, 1st Battalion (Airborne), 12th Cavalry Regi-  
 17 ment, 1st Cavalry Division.

18 **Subtitle H—Other Matters**

19 **SEC. 581. MODIFICATION OF SUBMITTAL DATE OF COMP-**  
 20 **TROLLER GENERAL OF THE UNITED STATES**  
 21 **REPORT ON INTEGRITY OF THE DEPART-**  
 22 **MENT OF DEFENSE WHISTLEBLOWER PRO-**  
 23 **GRAM.**

24 Section 536(a) of the National Defense Authorization  
 25 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
 26 2124) is amended by striking “18 months after the date

1 of the enactment of this Act” and inserting “December  
2 31, 2018”.

3 **SEC. 582. REPORT TO CONGRESS ON ACCOMPANIED AND**  
4 **UNACCOMPANIED TOURS OF DUTY IN RE-**  
5 **MOTE LOCATIONS WITH HIGH FAMILY SUP-**  
6 **PORT COSTS.**

7 Not later than one year after the date of the enact-  
8 ment of this Act, the Secretary of Defense shall submit  
9 to the congressional defense committees a report setting  
10 forth a comparative analysis, undertaken by the Secretary  
11 for purposes of the report, of accompanied tours of duty  
12 and unaccompanied tours of duty of members of the  
13 Armed Forces in remote locations with high family sup-  
14 port costs (including facility construction and operation  
15 costs), including the following:

- 16 (1) United States Naval Station, Guantanamo  
17 Bay, Cuba.
- 18 (2) Kwajalein Atoll.
- 19 (3) Al Udeid Air Base, Qatar.

1 **TITLE VI—COMPENSATION AND**  
2 **OTHER PERSONNEL BENEFITS**  
3 **Subtitle A—Pay and Allowances**

4 **SEC. 601. FISCAL YEAR 2018 INCREASE IN MILITARY BASIC**  
5 **PAY.**

6 (a) **WAIVER OF SECTION 1009 ADJUSTMENT.**—The  
7 adjustment to become effective during fiscal year 2018 re-  
8 quired by section 1009 of title 37, United States Code,  
9 in the rates of monthly basic pay authorized members of  
10 the uniformed services shall not be made.

11 (b) **INCREASE IN BASIC PAY.**—Effective on January  
12 1, 2018, the rates of monthly basic pay for members of  
13 the uniformed services are increased by 2.1 percent.

14 **SEC. 602. EXTENSION OF AUTHORITY TO PROVIDE TEM-**  
15 **PORARY INCREASE IN RATES OF BASIC AL-**  
16 **LOWANCE FOR HOUSING UNDER CERTAIN**  
17 **CIRCUMSTANCES.**

18 Section 403(b)(7)(E) of title 37, United States Code,  
19 is amended by striking “December 31, 2017” and insert-  
20 ing “December 31, 2018”.

1 **SEC. 603. ADJUSTMENT TO BASIC ALLOWANCE FOR HOUS-**  
2 **ING AT WITH DEPENDENTS RATE OF CER-**  
3 **TAIN MEMBERS OF THE UNIFORMED SERV-**  
4 **ICES.**

5 (a) IN GENERAL.—Section 403 of title 37, United  
6 States Code, is amended by adding at the end the fol-  
7 lowing new subsection:

8 “(p) INELIGIBILITY FOR WITH DEPENDENTS RATE  
9 OF CERTAIN MEMBERS.—A member who is married to an-  
10 other member, is assigned to the same geographic location  
11 as such other member, and has one or more dependent  
12 children with such other member is not eligible for a basic  
13 allowance for housing at the with dependents rate.”.

14 (b) EFFECTIVE DATE.—

15 (1) IN GENERAL.—The amendment made by  
16 subsection (a) shall take effect on October 1, 2017,  
17 and shall, except as provided in paragraph (2), apply  
18 with respect to allowances for basic housing payable  
19 for months beginning on or after that date.

20 (2) PRESERVATION OF CURRENT BAH FOR  
21 MEMBERS WITH UNINTERRUPTED ELIGIBILITY FOR  
22 BAH.—Notwithstanding the amendment made by  
23 subsection (a), the monthly amount of basic allow-  
24 ance for housing payable to a member of the uni-  
25 formed services under section 403 of title 37, United  
26 States Code, as of September 30, 2017, shall not be

1 reduced by reason of the amendment so long as the  
2 member retains uninterrupted eligibility for such  
3 basic allowance for housing within an area of the  
4 United States or within an overseas location (as ap-  
5 plicable).

6 **SEC. 604. MODIFICATION OF AUTHORITY OF PRESIDENT TO**  
7 **DETERMINE ALTERNATIVE PAY ADJUSTMENT**  
8 **IN ANNUAL BASIC PAY OF MEMBERS OF THE**  
9 **UNIFORMED SERVICES.**

10 (a) **MODIFICATION.**—Section 1009(e) of title 37,  
11 United States Code, is amended—

12 (1) in paragraph (1), by striking “or serious  
13 economic conditions affecting the general welfare”;

14 (2) by striking paragraph (2); and

15 (3) by redesignating paragraph (3) as para-  
16 graph (2).

17 (b) **EFFECTIVE DATE.**—The amendments made by  
18 subsection (a) shall take effect on the date of the enact-  
19 ment of this Act, and—

20 (1) if the date of the enactment of this Act oc-  
21 curs before September 1 of a year, shall apply with  
22 respect to plans for alternative pay adjustments for  
23 any year beginning after such year; and

24 (2) if the date of the enactment of this Act oc-  
25 curs after August 31 of a year, shall apply with re-

1 spect to plans for alternative pay adjustments for  
2 any year beginning after the year following such  
3 year.

4 **Subtitle B—Bonuses and Special**  
5 **and Incentive Pays**

6 **SEC. 611. ONE-YEAR EXTENSION OF CERTAIN BONUS AND**  
7 **SPECIAL PAY AUTHORITIES FOR RESERVE**  
8 **FORCES.**

9 The following sections of title 37, United States  
10 Code, are amended by striking “December 31, 2017” and  
11 inserting “December 31, 2018”:

12 (1) Section 308b(g), relating to Selected Re-  
13 serve reenlistment bonus.

14 (2) Section 308c(i), relating to Selected Reserve  
15 affiliation or enlistment bonus.

16 (3) Section 308d(c), relating to special pay for  
17 enlisted members assigned to certain high-priority  
18 units.

19 (4) Section 308g(f)(2), relating to Ready Re-  
20 serve enlistment bonus for persons without prior  
21 service.

22 (5) Section 308h(e), relating to Ready Reserve  
23 enlistment and reenlistment bonus for persons with  
24 prior service.

1           (6) Section 308i(f), relating to Selected Reserve  
2           enlistment and reenlistment bonus for persons with  
3           prior service.

4           (7) Section 478a(e), relating to reimbursement  
5           of travel expenses for inactive-duty training outside  
6           of normal commuting distance.

7           (8) Section 910(g), relating to income replace-  
8           ment payments for reserve component members ex-  
9           periencing extended and frequent mobilization for  
10          active duty service.

11 **SEC. 612. ONE-YEAR EXTENSION OF CERTAIN BONUS AND**  
12                           **SPECIAL PAY AUTHORITIES FOR HEALTH**  
13                           **CARE PROFESSIONALS.**

14          (a) TITLE 10 AUTHORITIES.—The following sections  
15          of title 10, United States Code, are amended by striking  
16          “December 31, 2017” and inserting “December 31,  
17          2018”:

18           (1) Section 2130a(a)(1), relating to nurse offi-  
19           cer candidate accession program.

20           (2) Section 16302(d), relating to repayment of  
21           education loans for certain health professionals who  
22           serve in the Selected Reserve.

23          (b) TITLE 37 AUTHORITIES.—The following sections  
24          of title 37, United States Code, are amended by striking

1 “December 31, 2017” and inserting “December 31,  
2 2018”:

3 (1) Section 302c-1(f), relating to accession and  
4 retention bonuses for psychologists.

5 (2) Section 302d(a)(1), relating to accession  
6 bonus for registered nurses.

7 (3) Section 302e(a)(1), relating to incentive  
8 special pay for nurse anesthetists.

9 (4) Section 302g(e), relating to special pay for  
10 Selected Reserve health professionals in critically  
11 short wartime specialties.

12 (5) Section 302h(a)(1), relating to accession  
13 bonus for dental officers.

14 (6) Section 302j(a), relating to accession bonus  
15 for pharmacy officers.

16 (7) Section 302k(f), relating to accession bonus  
17 for medical officers in critically short wartime spe-  
18 cialties.

19 (8) Section 302l(g), relating to accession bonus  
20 for dental specialist officers in critically short war-  
21 time specialties.

1 **SEC. 613. ONE-YEAR EXTENSION OF SPECIAL PAY AND**  
2 **BONUS AUTHORITIES FOR NUCLEAR OFFI-**  
3 **CERS.**

4 The following sections of title 37, United States  
5 Code, are amended by striking “December 31, 2017” and  
6 inserting “December 31, 2018”:

7 (1) Section 312(f), relating to special pay for  
8 nuclear-qualified officers extending period of active  
9 service.

10 (2) Section 312b(c), relating to nuclear career  
11 accession bonus.

12 (3) Section 312c(d), relating to nuclear career  
13 annual incentive bonus.

14 **SEC. 614. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**  
15 **ING TO TITLE 37 CONSOLIDATED SPECIAL**  
16 **PAY, INCENTIVE PAY, AND BONUS AUTHORI-**  
17 **TIES.**

18 The following sections of title 37, United States  
19 Code, are amended by striking “December 31, 2017” and  
20 inserting “December 31, 2018”:

21 (1) Section 331(h), relating to general bonus  
22 authority for enlisted members.

23 (2) Section 332(g), relating to general bonus  
24 authority for officers.

25 (3) Section 333(i), relating to special bonus and  
26 incentive pay authorities for nuclear officers.

1           (4) Section 334(i), relating to special aviation  
2 incentive pay and bonus authorities for officers.

3           (5) Section 335(k), relating to special bonus  
4 and incentive pay authorities for officers in health  
5 professions.

6           (6) Section 336(g), relating to contracting  
7 bonus for cadets and midshipmen enrolled in the  
8 Senior Reserve Officers' Training Corps.

9           (7) Section 351(h), relating to hazardous duty  
10 pay.

11           (8) Section 352(g), relating to assignment pay  
12 or special duty pay.

13           (9) Section 353(i), relating to skill incentive  
14 pay or proficiency bonus.

15           (10) Section 355(h), relating to retention incen-  
16 tives for members qualified in critical military skills  
17 or assigned to high priority units.

18 **SEC. 615. ONE-YEAR EXTENSION OF AUTHORITIES RELAT-**  
19 **ING TO PAYMENT OF OTHER TITLE 37 BO-**  
20 **NUSES AND SPECIAL PAYS.**

21           The following sections of title 37, United States  
22 Code, are amended by striking “December 31, 2017” and  
23 inserting “December 31, 2018”:

24           (1) Section 301b(a), relating to aviation officer  
25 retention bonus.

1           (2) Section 307a(g), relating to assignment in-  
2           centive pay.

3           (3) Section 308(g), relating to reenlistment  
4           bonus for active members.

5           (4) Section 309(e), relating to enlistment  
6           bonus.

7           (5) Section 316a(g), relating to incentive pay  
8           for members of precommissioning programs pur-  
9           suing foreign language proficiency.

10          (6) Section 324(g), relating to accession bonus  
11          for new officers in critical skills.

12          (7) Section 326(g), relating to incentive bonus  
13          for conversion to military occupational specialty to  
14          ease personnel shortage.

15          (8) Section 327(h), relating to incentive bonus  
16          for transfer between Armed Forces.

17          (9) Section 330(f), relating to accession bonus  
18          for officer candidates.

19 **SEC. 616. AVIATION BONUS MATTERS.**

20          Section 334(e) of title 37, United States Code, is  
21          amended—

22               (1) by redesignating paragraphs (2) and (3) as  
23               paragraphs (4) and (5), respectively; and

24               (2) by inserting after paragraph (1) the fol-  
25               lowing new paragraphs:

1           “(2) BUSINESS CASE FOR PAYMENT OF AVIA-  
2           TION BONUS AMOUNTS.—

3           “(A) IN GENERAL.—The amount of the  
4           aviation bonus payable under paragraph (1)(B)  
5           under agreements entered into under subsection  
6           (d) during a fiscal year shall be determined  
7           solely through a business case analysis of the  
8           amount required to be paid under such agree-  
9           ments in order to address anticipated manning  
10          shortfalls for such fiscal year by aircraft type  
11          category.

12          “(B) BUDGET JUSTIFICATION DOCU-  
13          MENTS.—The budget justification documents in  
14          support of the budget of the President for a fis-  
15          cal year (as submitted to Congress pursuant to  
16          section 1105 of title 31) shall set forth for each  
17          uniformed service the following:

18                 “(i) The amount requested for the  
19                 payment of aviation bonuses under this  
20                 section using amounts authorized to be ap-  
21                 propriated for the fiscal year concerned by  
22                 aircraft type category.

23                 “(ii) The business case analysis sup-  
24                 porting the amount so requested by air-  
25                 craft type category.

1           “(iii) For each aircraft type category,  
2           whether or not the amount requested will  
3           permit the payment during the fiscal year  
4           concerned of the maximum amount of the  
5           aviation bonus authorized by paragraph  
6           (1).

7           “(iv) If any amount requested is to  
8           address manning shortfalls, a description  
9           of any plans of the Secretary concerned to  
10          address such shortfalls by non-monetary  
11          means.

12           “(3) TIERED LIMITATION ON MAXIMUM  
13          AMOUNT OF AVIATION BONUS.—

14           “(A) IN GENERAL.—The maximum  
15          amount of the aviation bonus payable under  
16          paragraph (1)(B) under agreements entered  
17          into under subsection (d) during a fiscal year  
18          shall vary by anticipated manning shortfalls for  
19          such fiscal year by aircraft type category. The  
20          variance shall be stated by tier correlating max-  
21          imum bonus amounts with anticipated manning  
22          and retention levels, as follows:

23           “(i) Maximum amount payable  
24          (known as ‘Tier I’) is the amount specified  
25          for the fiscal year concerned by paragraph

1 (1)(B) and is payable under agreements  
2 for duty by aircraft type category in  
3 which—

4 “(I) the projected manning level  
5 for the fiscal year does not exceed 90  
6 percent of the required manning level;  
7 or

8 “(II) the two-year retention trend  
9 for personnel performing such duty  
10 does not exceed 50 percent.

11 “(ii) Maximum amount payable  
12 (known as ‘Tier II’) is an amount equal to  
13 68 percent of the amount specified for the  
14 fiscal year concerned by paragraph (1)(B)  
15 and is payable under agreements for duty  
16 by aircraft type category in which—

17 “(I) the projected manning level  
18 for the fiscal year is between 90 and  
19 95 percent of the required manning  
20 level; or

21 “(II) the two-year retention trend  
22 for personnel performing such duty is  
23 between 50 and 55 percent.

24 “(iii) Maximum amount payable  
25 (known as ‘Tier III’) is an amount equal

1 to 34 percent of the amount specified for  
2 the fiscal year concerned by paragraph  
3 (1)(B) and is payable under agreements  
4 for duty by aircraft type category in  
5 which—

6 “(I) the projected manning level  
7 for the fiscal year is between 95 and  
8 100 percent of the required manning  
9 level; or

10 “(II) the two-year retention trend  
11 for personnel performing such duty is  
12 between 55 and 65 percent.

13 “(iv) Maximum amount payable  
14 (known as ‘Tier IV’) is zero for duty by  
15 aircraft type category in which—

16 “(I) the projected manning level  
17 for the fiscal year is 100 percent or  
18 more of the required manning level; or

19 “(II) the two-year retention trend  
20 for personnel performing such duty  
21 exceeds 65 percent.

22 “(B) LIMITATION ON TOTAL NUMBER OF  
23 AGREEMENTS PROVIDING FOR TIER I PAY-  
24 MENT.—In no event may all the agreements en-  
25 tered into under subsection (d) during a fiscal

1           year by a Secretary concerned provide for a  
2           maximum amount payable as described in sub-  
3           paragraph (A)(i).”.

4 **SEC. 617. SPECIAL AVIATION INCENTIVE PAY AND BONUS**  
5                   **AUTHORITIES FOR ENLISTED MEMBERS WHO**  
6                   **PILOT REMOTELY PILOTED AIRCRAFT.**

7           (a) IN GENERAL.—Chapter 5 of title 37, United  
8 States Code, is amended by inserting after section 334 the  
9 following new section:

10 **“§ 334a. Special aviation incentive pay and bonus au-**  
11                   **thorities: enlisted members who pilot re-**  
12                   **motely piloted aircraft**

13           “(a) AVIATION INCENTIVE PAY.—

14                   “(1) INCENTIVE PAY AUTHORIZED.—The Sec-  
15 retary concerned may pay aviation incentive pay  
16 under this section to an enlisted member in a reg-  
17 ular or reserve component of a uniformed service  
18 who—

19                   “(A) is entitled to basic pay under section  
20 204 of this title or compensation under 206 of  
21 this title;

22                   “(B) is designated as a remotely piloted  
23 aircraft pilot, or is in training leading to such  
24 a designation;

1           “(C) engages in, or is in training leading  
2           to, frequent and regular performance of oper-  
3           ational flying duty or proficiency flying duty;

4           “(D) engages in or remains in aviation  
5           service for a specified period; and

6           “(E) meets such other criteria as the Sec-  
7           retary concerned determines appropriate.

8           “(2) ENLISTED MEMBERS NOT CURRENTLY EN-  
9           GAGED IN FLYING DUTY.—The Secretary concerned  
10          may pay aviation incentive pay under this section to  
11          an enlisted member who is otherwise qualified for  
12          such pay but who is not currently engaged in the  
13          performance of operational flying duty or proficiency  
14          flying duty if the Secretary determines, under regu-  
15          lations prescribed under section 374 of this title,  
16          that payment of aviation pay to that enlisted mem-  
17          ber is in the best interests of the service.

18          “(b) AVIATION BONUS.—The Secretary concerned  
19          may pay an aviation bonus under this section to an en-  
20          listed member in a regular or reserve component of a uni-  
21          formed service who—

22                 “(1) is entitled to aviation incentive pay under  
23                 subsection (a);

24                 “(2) is within one year of completing the mem-  
25                 ber’s enlistment;

1           “(3) reenlists or voluntarily extends the mem-  
2           ber’s enlistment for a period of at least one year or,  
3           in the case of an enlisted member serving pursuant  
4           to an indefinite reenlistment, executes a written  
5           agreement to remain on active duty for a period of  
6           at least one year or to remain in an active status in  
7           a reserve component for a period of at least one  
8           year; and

9           “(4) meets such other criteria as the Secretary  
10          concerned determines appropriate.

11          “(c) MAXIMUM AMOUNT AND METHOD OF PAY-  
12          MENT.—

13                 “(1) MAXIMUM AMOUNT.—The Secretary con-  
14                 cerned shall determine the amount of a bonus or in-  
15                 centive pay to be paid under this section, except  
16                 that—

17                         “(A) aviation incentive pay under sub-  
18                         section (a) shall be paid at a monthly rate not  
19                         to exceed \$1,000 per month; and

20                         “(B) an aviation bonus under subsection  
21                         (b) may not exceed \$35,000 for each 12-month  
22                         period of obligated service agreed to under sub-  
23                         section (d).

24                 “(2) BUSINESS CASE FOR PAYMENT OF AVIA-  
25                 TION BONUS AMOUNTS.—

1           “(A) IN GENERAL.—The amount of the  
2           aviation bonus payable under paragraph (1)(B)  
3           under agreements entered into under subsection  
4           (d) during a fiscal year shall be determined  
5           solely through a business case analysis of the  
6           amount required to be paid under such agree-  
7           ments in order to address anticipated manning  
8           shortfalls for such fiscal year by aircraft type  
9           category.

10           “(B) BUDGET JUSTIFICATION DOCU-  
11           MENTS.—The budget justification documents in  
12           support of the budget of the President for a fis-  
13           cal year (as submitted to Congress pursuant to  
14           section 1105 of title 31) shall set forth for each  
15           uniformed service the following:

16                   “(i) The amount requested for the  
17                   payment of aviation bonuses under this  
18                   section using amounts authorized to be ap-  
19                   propriated for the fiscal year concerned by  
20                   aircraft type category.

21                   “(ii) The business case analysis sup-  
22                   porting the amount so requested by air-  
23                   craft type category.

24                   “(iii) For each aircraft type category,  
25                   whether or not the amount requested will

1 permit the payment during the fiscal year  
2 concerned of the maximum amount of the  
3 aviation bonus authorized by paragraph  
4 (1).

5 “(iv) If any amount requested is to  
6 address manning shortfalls, a description  
7 of any plans of the Secretary concerned to  
8 address such shortfalls by non-monetary  
9 means.

10 “(3) LUMP SUM OR INSTALLMENTS.—A bonus  
11 under this section may be paid in a lump sum or in  
12 periodic installments, as determined by the Secretary  
13 concerned.

14 “(4) FIXING BONUS AMOUNT.—Upon accept-  
15 ance by the Secretary concerned of the written  
16 agreement required by subsection (d), the total  
17 amount of the bonus to be paid under the agreement  
18 shall be fixed.

19 “(d) WRITTEN AGREEMENT FOR BONUS.—To receive  
20 an aviation bonus under this section, an enlisted member  
21 determined to be eligible for the bonus shall enter into  
22 a written agreement with the Secretary concerned that  
23 specifies—

24 “(1) the amount of the bonus;

1           “(2) the method of payment of the bonus under  
2 subsection (c)(2);

3           “(3) the period of obligated service; and

4           “(4) the type or conditions of the service.

5           “(e) RESERVE COMPONENT ENLISTED MEMBERS  
6 PERFORMING INACTIVE DUTY TRAINING.—An enlisted  
7 member of reserve component who is entitled to compensa-  
8 tion under section 206 of this title and who is authorized  
9 aviation incentive pay under this section may be paid an  
10 amount of incentive pay that is proportionate to the com-  
11 pensation received under section 206 of this title for inac-  
12 tive-duty training.

13           “(f) RELATIONSHIP TO OTHER PAY AND ALLOW-  
14 ANCES.—

15           “(1) AVIATION INCENTIVE PAY.—Aviation in-  
16 centive pay paid to an enlisted member under sub-  
17 section (a) shall be in addition to any other pay and  
18 allowance to which the enlisted member is entitled,  
19 except that an enlisted member may not receive a  
20 payment under such subsection and section  
21 351(a)(2) or 353(a) of this title for the same skill  
22 and period of service.

23           “(2) AVIATION BONUS.—An aviation bonus  
24 paid to an enlisted member under subsection (b)  
25 shall be in addition to any other pay and allowance

1 to which the enlisted member is entitled, except that  
2 an enlisted member may not receive a bonus pay-  
3 ment under such subsection and section 331 or  
4 353(b) of this title for the same skill and period of  
5 service.

6 “(g) REPAYMENT.—An enlisted member who receives  
7 aviation incentive pay or an aviation bonus under this sec-  
8 tion and who fails to fulfill the eligibility requirements for  
9 the receipt of the incentive pay or bonus or complete the  
10 period of service for which the incentive pay or bonus is  
11 paid, as specified in the written agreement under sub-  
12 section (d) in the case of a bonus, shall be subject to the  
13 repayment provisions of section 373 of this title.

14 “(h) DEFINITIONS.—In this section:

15 “(1) AVIATION SERVICE.—The term ‘aviation  
16 service’ means participation in aerial flight per-  
17 formed, under regulations prescribed by the Sec-  
18 retary concerned, by an eligible enlisted member re-  
19 motely piloted aircraft pilot.

20 “(2) OPERATIONAL FLYING DUTY.—The term  
21 ‘operational flying duty’ means flying performed  
22 under competent orders by enlisted members of the  
23 regular or reserve components while serving in as-  
24 signments in which basic flying skills are normally  
25 maintained in the performance of assigned duties as

1 determined by the Secretary concerned, and flying  
 2 duty performed by members in training that leads to  
 3 designation as a remotely piloted aircraft pilot by  
 4 the Secretary concerned.

5 “(3) PROFICIENCY FLYING DUTY.—The term  
 6 ‘proficiency flying duty’ means flying performed  
 7 under competent orders by enlisted members of the  
 8 regular or reserve components while serving in as-  
 9 signments in which such skills would normally not  
 10 be maintained in the performance of assigned duties.

11 “(i) TERMINATION OF AUTHORITY.—No agreement  
 12 may be entered into under this section after December 31,  
 13 2018.”.

14 (b) CLERICAL AMENDMENT.—The table of sections  
 15 at the beginning of chapter 5 of such title is amended by  
 16 inserting after the item relating to section 334 the fol-  
 17 lowing new item:

“334a. Special aviation incentive pay and bonus authorities: enlisted members  
 who pilot remotely piloted aircraft.”.

18 **SEC. 618. TECHNICAL AND CONFORMING AMENDMENTS RE-**  
 19 **LATING TO 2008 CONSOLIDATION OF SPECIAL**  
 20 **PAY AUTHORITIES.**

21 (a) REPAYMENT PROVISIONS.—

22 (1) TITLE 10.—The following provisions of title  
 23 10, United States Code, are each amended by insert-  
 24 ing “or 373” before “of title 37”:

- 1 (A) Section 510(i).
- 2 (B) Subsections (a)(3) and (e) of section  
3 2005.
- 4 (C) Paragraphs (1) and (2) of section  
5 2007(e).
- 6 (D) Section 2105.
- 7 (E) Section 2123(e)(1)(C).
- 8 (F) Section 2128(e).
- 9 (G) Section 2130a(d).
- 10 (H) Section 2171(g).
- 11 (I) Section 2173(g)(2).
- 12 (J) Paragraphs (1) and (2) of section  
13 2200a(e).
- 14 (K) Section 4348(f).
- 15 (L) Section 6959(f).
- 16 (M) Section 9348(f).
- 17 (N) Subsections (a)(2) and (b) of section  
18 16135.
- 19 (O) Section 16203(a)(1)(B).
- 20 (P) Section 16301(h).
- 21 (Q) Section 16303(d).
- 22 (R) Paragraphs (1) and (2) of section  
23 16401(f).

1           (2) TITLE 14.—Section 182(g) of title 14,  
2           United States Code, is amended by inserting “or  
3           373” before “of title 37”.

4           (b) OFFICERS APPOINTED PURSUANT TO AN AGREE-  
5           MENT UNDER SECTION 329 OF TITLE 37.—Section 641  
6           of title 10, United States Code, is amended by striking  
7           paragraph (6).

8           (c) REENLISTMENT LEAVE.—The matter preceding  
9           paragraph (1) of section 703(b) of title 10, United States  
10          Code, is amended by inserting “or paragraph (1) or (3)  
11          of section 351(a)” after “section 310(a)(2)”.

12          (d) REST AND RECUPERATION ABSENCE FOR QUALI-  
13          FIED MEMBERS EXTENDING DUTY AT DESIGNATED LO-  
14          CATION OVERSEAS.—The matter following paragraph (4)  
15          of section 705(a) of title 10, United States Code, is  
16          amended by inserting “or 352” after “section 314”.

17          (e) REST AND RECUPERATION ABSENCE FOR CER-  
18          TAIN MEMBERS UNDERGOING EXTENDED DEPLOYMENT  
19          TO COMBAT ZONE.—Section 705a(b)(1)(B) of title 10,  
20          United States Code, is amended by inserting “or 352(a)”  
21          after “section 305”.

22          (f) ADDITIONAL INCENTIVES FOR HEALTH PROFES-  
23          SIONALS OF THE INDIAN HEALTH SERVICE.—Section  
24          116(a) of the Indian Health Care Improvement Act (25

1 U.S.C. 1616i(a)) is amended by inserting “or 335(b)”  
2 after “section 302(b)”.

3 (g) MILITARY PAY AND ALLOWANCES CONTINUANCE  
4 WHILE IN A MISSING STATUS.—Section 552(a)(2) of title  
5 37, United States Code, is amended by inserting “or sec-  
6 tion 351(a)(2)” after “section 301”.

7 (h) MILITARY PAY AND ALLOWANCES.—Section  
8 907(d) of title 37, United States Code, is amended—

9 (1) in paragraph (1)—

10 (A) in subparagraph (A), by inserting “or  
11 351” after “section 301”;

12 (B) in subparagraph (B), by inserting “or  
13 352” after “section 301c”;

14 (C) in subparagraph (C), by inserting “or  
15 353(a)” after “section 304”;

16 (D) in subparagraph (D), by inserting “or  
17 352” after “section 305”;

18 (E) in subparagraph (E), by inserting “or  
19 352” after “section 305a”;

20 (F) in subparagraph (F), by inserting “or  
21 352” after “section 305b”;

22 (G) in subparagraph (G), by inserting “or  
23 352” after “section 307a”;

24 (H) in subparagraph (I), by inserting “or  
25 352” after “section 314”;

1 (I) in subparagraph (J), by striking “316”  
2 and inserting “353(b)”; and

3 (J) in subparagraph (K), by striking  
4 “323” and inserting “section 355”; and  
5 (2) in paragraph (2)—

6 (A) in subparagraph (A), by inserting “or  
7 352” after “section 307”;

8 (B) in subparagraph (B), by striking  
9 “308” and inserting “331”;

10 (C) in subparagraph (C), by striking  
11 “309” and inserting “331”; and

12 (D) in subparagraph (D), by inserting “or  
13 353” after “section 320”.

14 (i) PAY AND ALLOWANCES OF OFFICERS OF THE  
15 PUBLIC HEALTH SERVICE.—Section 208(a)(2) of the  
16 Public Health Service Act (42 U.S.C. 210(a)(2)) is  
17 amended by inserting “or 373” after “303a(b)”.

1 **Subtitle C—Disability Pay, Retired**  
2 **Pay, and Survivor Benefits**

3 **PART I—AMENDMENTS IN CONNECTION WITH**  
4 **RETIRED PAY REFORM**

5 **SEC. 631. ADJUSTMENTS TO SURVIVOR BENEFIT PLAN FOR**  
6 **MEMBERS ELECTING LUMP SUM PAYMENTS**  
7 **OF RETIRED PAY UNDER THE MODERNIZED**  
8 **RETIREMENT SYSTEM FOR MEMBERS OF THE**  
9 **UNIFORMED SERVICES.**

10 (a) DEFINITION OF BASE AMOUNT.—Section  
11 1447(6)(A) of title 10, United States Code, is amended  
12 in the matter preceding clause (i) by inserting “or  
13 1415(b)(1)(B)” after “section 1409(b)(2)”.

14 (b) COORDINATION WITH REDUCTIONS IN RETIRED  
15 PAY.—Section 1452 of such title is amended—

16 (1) in subsection (a)(1), by inserting “, other  
17 than retired pay received as a lump sum under sec-  
18 tion 1415(b)(1)(A) of this title,” in the matter pre-  
19 ceding subparagraph (A) after “, the retired pay”;

20 (2) in subsection (b)(1), by inserting “, other  
21 than retired pay received as a lump sum under sec-  
22 tion 1415(b)(1)(A) of this title,” after “The retired  
23 pay”; and

24 (3) in subsection (c)—

1 (A) in paragraph (1), by inserting “, other  
2 than retired pay received as a lump sum under  
3 section 1415(b)(1)(A) of this title,” after “The  
4 retired pay”; and

5 (B) in paragraph (4), by inserting “or  
6 1415(b)(1)(B)” after “section 1409(b)(2)”.

7 **SEC. 632. TECHNICAL CORRECTION REGARDING ELECTION**  
8 **TO PARTICIPATE IN MODERNIZED RETIRE-**  
9 **MENT SYSTEM FOR RESERVE COMPONENT**  
10 **MEMBERS EXPERIENCING A BREAK IN SERV-**  
11 **ICE.**

12 (a) **PERSONS EXPERIENCING A BREAK IN SERV-**  
13 **ICE.**—Section 12739(f)(2)(B)(iii) of title 10, United  
14 States Code, is amended by striking “on the date of the  
15 reentry” and inserting “within 30 days after the date of  
16 the reentry”.

17 (b) **EFFECTIVE DATE.**—The amendment made by  
18 subsection (a) shall take effect on January 1, 2018, imme-  
19 diately after the coming into effect of the amendment  
20 made by section 631(b) of the National Defense Author-  
21 ization Act for Fiscal Year 2016 (Public Law 114–92; 129  
22 Stat. 843), to which the amendment made by subsection  
23 (a) relates.

1                   **PART II—OTHER MATTERS**

2   **SEC. 636. AUTHORITY FOR THE SECRETARIES OF THE MILI-**  
3                   **TARY DEPARTMENTS TO PROVIDE FOR CARE**  
4                   **OF REMAINS OF THOSE WHO DIE ON ACTIVE**  
5                   **DUTY AND ARE INTERRED IN A FOREIGN**  
6                   **CEMETERY.**

7           Section 1482(a) of title 10, United States Code, is  
8 amended by adding at the end the following new para-  
9 graph:

10                   “(10) In the case of a decedent under the juris-  
11                   diction of a Secretary of a military department at  
12                   the time of death, enduring care of remains interred  
13                   in a foreign cemetery if the burial location was des-  
14                   ignated by such Secretary.”.

15   **SEC. 637. TECHNICAL CORRECTIONS TO USE OF MEMBER’S**  
16                   **CURRENT PAY GRADE AND YEARS OF SERV-**  
17                   **ICE IN A DIVISION OF PROPERTY INVOLVING**  
18                   **DISPOSABLE RETIRED PAY.**

19           (a) IN GENERAL.—Section 1408 of title 10, United  
20 States Code, is amended—

21                   (1) in subsection (a)(4)—

22                           (A) in the matter preceding clause (i) of  
23                           subparagraph (A), by striking “(as determined  
24                           pursuant to subparagraph (B))”; and

25                           (B) by striking subparagraph (B) and in-  
26                           serting the following new subparagraph (B):

1           “(B) For purposes of subparagraph (A), in the  
2 case of a division of property as part of a final de-  
3 cree of divorce, dissolution, annulment, or legal sepa-  
4 ration that becomes final prior to the date of a  
5 member’s retirement, the total monthly retired pay  
6 to which the member is entitled shall be—

7           “(i) in the case of a member not described  
8 in clause (ii), the amount of retired pay to  
9 which the member would have been entitled  
10 using the member’s retired pay base and years  
11 of service on the date of the decree of divorce,  
12 dissolution, annulment, or legal separation, as  
13 computed under section 1406 or 1407 of this  
14 title, whichever is applicable, increased by the  
15 sum of the cost-of-living adjustments that—

16           “(I) would have occurred under sec-  
17 tion 1401a(b) of this title between the date  
18 of the decree of divorce, dissolution, annul-  
19 ment, or legal separation and the time of  
20 the member’s retirement using the adjust-  
21 ment provisions under section 1401a of  
22 this title applicable to the member upon re-  
23 tirement; and

24           “(II) occur under 1401a of this title  
25 after the member’s retirement; or

1           “(ii) in the case of a member who becomes  
2           entitled to retired pay pursuant to chapter 1223  
3           of this title, the amount of retired pay to which  
4           the member would have been entitled using the  
5           member’s retired pay base and creditable serv-  
6           ice points on the date of the decree of divorce,  
7           dissolution, annulment, or legal separation, as  
8           computer under chapter 1223 of this title, in-  
9           creased by the sum of the cost-of-living adjust-  
10          ments as described in clause (i) that apply with  
11          respect to the member.”; and

12          (2) in subsection (d), by adding at the end the  
13          following new paragraph:

14          “(8) A division of property award computed as a per-  
15          centage of a member’s disposable retired pay shall be in-  
16          creased by the same percentage as any cost-of-living ad-  
17          justment made under section 1401a after the member’s  
18          retirement.”.

19          (b) EFFECTIVE DATE.—The amendments made by  
20          subsection (a) shall take effect on December 23, 2016, as  
21          if enacted immediately following the enactment of the Na-  
22          tional Defense Authorization Act for Fiscal Year 2017  
23          (Public Law 114–328) to which such amendments relate.

24          (c) APPLICABILITY.—The amendments made by sub-  
25          section (a) shall apply with respect to any division of prop-

1 erty as part of a final decree of divorce, dissolution, annul-  
2 ment, or legal separation involving a member of the Armed  
3 Forces to which section 1408 of title 10, United States  
4 Code, applies that becomes final after December 23, 2016.

5 **SEC. 638. PERMANENT EXTENSION AND COST-OF-LIVING**  
6 **ADJUSTMENTS OF SPECIAL SURVIVOR IN-**  
7 **DEMNITY ALLOWANCES UNDER THE SUR-**  
8 **VIVOR BENEFIT PLAN.**

9 Section 1450(m) of title 10, United States Code, is  
10 amended—

11 (1) in paragraph (2)—

12 (A) in subparagraph (H), by striking  
13 “and” at the end; and

14 (B) by striking subparagraph (I) and in-  
15 serting the following new subparagraphs:

16 “(I) for months from October 2016  
17 through December 2018, \$310; and

18 “(J) for months during any calendar year  
19 after 2018, the amount determined in accord-  
20 ance with paragraph (6).”; and

21 (2) by striking paragraph (6) and inserting the  
22 following new paragraph (6):

23 “(6) COST-OF-LIVING ADJUSTMENTS AFTER  
24 2018.—

1           “(A) IN GENERAL.—The amount of the al-  
2           lowance payable under paragraph (1) for  
3           months during any calendar year beginning  
4           after 2018 shall be—

5                   “(i) the amount payable pursuant to  
6                   paragraph (2) for months during the pre-  
7                   ceding calendar year, plus

8                   “(ii) an amount equal to the percent-  
9                   age of the amount determined pursuant to  
10                  clause (i) which percentage is equal to the  
11                  percentage increase in retired pay of mem-  
12                  bers and former members of the armed  
13                  forces for such calendar year under section  
14                  1401a of this title.

15           “(B) PUBLIC NOTICE ON AMOUNT OF AL-  
16           LOWANCE PAYABLE.—The Secretary of Defense  
17           shall publish in the Federal Register each year  
18           the amount of the allowance payable under  
19           paragraph (1) for months in such year by rea-  
20           son of the operation of this paragraph.”.

1           **Subtitle D—Other Matters**

2   **SEC. 651. CONSTRUCTION OF DOMESTIC SOURCE REQUIRE-**  
3                   **MENT FOR FOOTWEAR FURNISHED TO EN-**  
4                   **LISTED MEMBERS OF THE ARMED FORCES**  
5                   **ON INITIAL ENTRY INTO THE ARMED**  
6                   **FORCES.**

7           Section 418(d) of title 37, United States Code, is  
8 amended by adding at the end the following new para-  
9 graphs:

10           “(4) This subsection does not apply to the furnishing  
11 of athletic footwear to the members of the Army, the  
12 Navy, the Air Force, or the Marine Corps upon their ini-  
13 tial entry into the armed forces, or prohibit the provision  
14 of a cash allowance to such members for such purpose,  
15 if the Secretary of Defense determines that compliance  
16 with paragraph (2) would result in a sole source contract  
17 for procurement of athletic footwear for the purpose stated  
18 in paragraph (1) because there would be only a sole cer-  
19 tified of supply for such footwear.

20           “(5) The Secretary of Defense shall ensure that all  
21 procurements of athletic footwear to which this subsection  
22 applies are made using firm fixed price contracts.”.

1 **SEC. 652. INCLUSION OF DEPARTMENT OF AGRICULTURE**  
2 **IN TRANSITION ASSISTANCE PROGRAM.**

3 (a) **IN GENERAL.**—Subsection (a) of section 1144 of  
4 title 10, United States Code, is amended by striking “and  
5 the Secretary of Veterans Affairs” each place it appears  
6 in paragraphs (1) and (2) and inserting “the Secretary  
7 of Veterans Affairs, and the Secretary of Agriculture”.

8 (b) **INCLUSION IN ELEMENTS OF PROGRAM.**—Sub-  
9 section (b) of such section is amended by adding at the  
10 end the following new paragraph:

11 “(12) Provide information regarding the avail-  
12 ability to such members of the following through the  
13 Department of Agriculture:

14 “(A) Grants, loans, and other assistance to  
15 enter production agriculture or engage in rural  
16 entrepreneurship.

17 “(B) Identification of and assistance in ob-  
18 taining employment within the agricultural sec-  
19 tor that aligns with military occupational spe-  
20 cialties or military certifications, including em-  
21 ployment with the Department.

22 “(C) Training and apprenticeships for em-  
23 ployment in rural communities and in the agri-  
24 cultural and food sectors.”.

1 **SEC. 653. REVIEW AND UPDATE OF REGULATIONS GOV-**  
 2 **ERNING DEBT COLLECTORS INTERACTIONS**  
 3 **WITH UNIT COMMANDERS.**

4 Not later than 180 days after the date of the enact-  
 5 ment of this Act, the Secretary of Defense shall review  
 6 and update Department of Defense Instruction 1344.09  
 7 and any associated regulations to ensure that such regula-  
 8 tions comply with Federal consumer protection laws with  
 9 respect to the collection of debt.

10 **TITLE VII—HEALTH CARE**  
 11 **PROVISIONS**

12 **Subtitle A—TRICARE and Other**  
 13 **Health Care Benefits**

14 **SEC. 701. TRICARE ADVANTAGE DEMONSTRATION PRO-**  
 15 **GRAM.**

16 (a) ESTABLISHMENT.—

17 (1) IN GENERAL.—Not later than one year  
 18 after the date of the enactment of this Act, the Sec-  
 19 retary shall, in consultation with the Secretary of  
 20 Health and Human Services, establish a demonstra-  
 21 tion program to enable applicable eligible individuals  
 22 to enroll in Medicare Advantage plans.

23 (2) DURATION.—The demonstration program  
 24 established under paragraph (1) shall be carried out  
 25 for a period of not less than five years.

26 (b) PLANS.—

1           (1) SELECTION.—The Secretary shall competi-  
2           tively select one or more Medicare Advantage plans  
3           for which the Secretary of Health and Human Serv-  
4           ices has waived or modified requirements under sec-  
5           tion 1857(i) of the Social Security Act (42 U.S.C.  
6           1395w-27(i)) in market areas of the TRICARE pro-  
7           gram with large concentrations of beneficiaries eligi-  
8           ble for TRICARE for Life (as determined by the  
9           Secretary) to participate in the demonstration pro-  
10          gram through the use of risk-bearing, capitated con-  
11          tracts with Medicare Advantage organizations.

12          (2) REQUIREMENTS.—Each Medicare Advan-  
13          tage plan selected under paragraph (1) shall meet  
14          the following requirements:

15                (A) The plan is an MA-PD plan (as de-  
16                fined in section 1860D-1(a)(3)(C) of the Social  
17                Security Act (42 U.S.C. 1395w-101(a)(3)(C))).

18                (B) The plan has a minimum quality star  
19                rating of four or higher under section  
20                1853(o)(4) of such Act (42 U.S.C. 1395w-  
21                23(o)(4)).

22                (C) The plan and the Medicare Advantage  
23                organization offering the plan meet such other  
24                criteria as the Secretary determines appropriate  
25                for purposes of this section.

1           (3) USE OF DEPARTMENT FACILITIES AND  
2 SERVICES.—

3           (A) MILITARY TREATMENT FACILITIES.—

4           The Secretary may include military treatment  
5 facilities as authorized providers for applicable  
6 eligible individuals enrolled in a Medicare Ad-  
7 vantage plan participating in the demonstration  
8 program as a service provided by the Depart-  
9 ment of Defense.

10          (B) PHARMACY BENEFITS PROGRAM.—The

11 Secretary may include coverage of pharma-  
12 ceutical agents under the pharmacy benefits  
13 program under section 1074g of title 10,  
14 United States Code, as a coverage option for  
15 applicable eligible individuals enrolled in a  
16 Medicare Advantage plan participating in the  
17 demonstration program as a service provided by  
18 the Department of Defense.

19          (c) ENROLLMENT OF APPLICABLE ELIGIBLE INDI-

20 VIDUALS.—Unless an applicable eligible individual opts  
21 out, all applicable eligible individuals located in an area  
22 participating in the demonstration program shall be en-  
23 rolled in a Medicare Advantage plan selected under sub-  
24 section (b)(1).

1 (d) COSTS OF PROGRAM.—The Secretary and the  
2 Secretary of Health and Human Services shall jointly de-  
3 termine the appropriate distribution of costs and potential  
4 savings to the Department of Defense and the Department  
5 of Health and Human Services that result from the dem-  
6 onstration program.

7 (e) REPORTS.—

8 (1) REPORT ON IMPLEMENTATION OF PRO-  
9 GRAM.—

10 (A) IN GENERAL.—Not later than one year  
11 after the date of the enactment of this Act, the  
12 Secretary shall submit to the Committees on  
13 Armed Services of the Senate and the House of  
14 Representatives a report on the implementation  
15 by the Secretary of the demonstration program  
16 under this section.

17 (B) ELEMENTS.—The report required by  
18 subparagraph (A) shall include the following:

19 (i) A description of each Medicare Ad-  
20 vantage plan participating in the dem-  
21 onstration program, disaggregated by mar-  
22 ket area of the TRICARE program (as de-  
23 termined by the Secretary).

24 (ii) A description of covered benefits,  
25 premium rates, and copayments or cost

1 sharing, if any, for each Medicare Advan-  
2 tage plan participating in the demonstra-  
3 tion program in each such area.

4 (iii) The number of applicable eligible  
5 individuals eligible to enroll and the num-  
6 ber of applicable eligible individuals pro-  
7 jected to enroll in each Medicare Advan-  
8 tage plan participating in the demonstra-  
9 tion program in each such area.

10 (iv) An assessment of projected aver-  
11 age annual out-of-pocket costs, if any, for  
12 applicable eligible individuals enrolled in  
13 each Medicare Advantage plan partici-  
14 pating in the demonstration program.

15 (v) A description of outcome metrics  
16 developed to measure quality of care, im-  
17 proved health outcomes, better access to  
18 care, and enhanced beneficiary experience  
19 under the demonstration program.

20 (2) FINAL REPORT.—Not later than four years  
21 after the date of the enactment of this Act, the Sec-  
22 retary shall submit to the Committees on Armed  
23 Services of the Senate and the House of Representa-  
24 tives a report providing a comprehensive assessment  
25 of the demonstration program under this section.

1 (f) DEFINITIONS.—In this section:

2 (1) APPLICABLE ELIGIBLE INDIVIDUAL.—The  
3 term “applicable eligible individual” means an eligi-  
4 ble individual (as defined in paragraph (2)) who is  
5 a Medicare Advantage eligible individual (as defined  
6 in section 1851(a)(3) of the Social Security Act (42  
7 U.S.C. 1395w-21(a)(3))).

8 (2) ELIGIBLE INDIVIDUAL.—The term “eligible  
9 individual” means an individual eligible for health  
10 benefits under section 1086(d) of title 10, United  
11 States Code.

12 (3) MEDICARE ADVANTAGE ORGANIZATION.—  
13 The term “Medicare Advantage organization” has  
14 the meaning given that term in section 1859 of the  
15 Social Security Act (42 U.S.C. 1395w-28).

16 (4) MEDICARE ADVANTAGE PLAN.—The term  
17 “Medicare Advantage plan” means a health plan  
18 under part C of title XVIII of the Social Security  
19 Act (42 U.S.C. 1395w-21 et seq.).

20 (5) SECRETARY.—The term “Secretary” means  
21 the Secretary of Defense.

22 (6) TRICARE PROGRAM; TRICARE FOR LIFE.—  
23 The terms “TRICARE program” and “TRICARE  
24 for Life” have the meanings given those terms in  
25 section 1072 of title 10, United States Code.

1 (g) REGULATIONS.—

2 (1) IN GENERAL.—In order to implement expe-  
3 ditiously the demonstration program under this sec-  
4 tion, the Secretary may prescribe such changes to  
5 the regulations implementing the TRICARE pro-  
6 gram as the Secretary considers appropriate.

7 (2) RULEMAKING.—The Secretary shall imple-  
8 ment any changes prescribed under paragraph (1)—

9 (A) by prescribing an interim final rule;

10 and

11 (B) not later than 180 days after pre-  
12 scribing such interim final rule and considering  
13 public comments with respect to such interim  
14 final rule, by prescribing a final rule.

15 (h) WAIVER AUTHORITY.—The Secretary of Health  
16 and Human Services may waive such requirements of ti-  
17 tles XI and XVIII of the Social Security Act (42 U.S.C.  
18 1301 et seq.; 1395 et seq.) as may be necessary for pur-  
19 poses of carrying out this section.

1 **SEC. 702. CONTINUED ACCESS TO MEDICAL CARE AT FA-**  
2 **CILITIES OF THE UNIFORMED SERVICES FOR**  
3 **CERTAIN MEMBERS OF THE RESERVE COM-**  
4 **PONENTS.**

5 (a) TRICARE RESERVE SELECT.—Paragraph (2) of  
6 section 1076d(f) of title 10, United States Code, is amend-  
7 ed to read as follows:

8 “(2) The term ‘TRICARE Reserve Select’  
9 means—

10 “(A) medical care at facilities of the uni-  
11 formed services to which a dependent described  
12 in section 1076(a)(2) of this title is entitled;  
13 and

14 “(B) health benefits under the TRICARE  
15 Select self-managed, preferred provider network  
16 option under section 1075 of this title made  
17 available to beneficiaries by reason of this sec-  
18 tion and subject to the cost-sharing require-  
19 ments set forth in such section 1075.”.

20 (b) TRICARE RETIRED RESERVE.—Section 1076e  
21 is amended—

22 (1) In subsection (b), in the subsection heading,  
23 by striking “RETIRED RESERVE”;

24 (2) In subsection (c), by striking “Retired Re-  
25 serve” the last place it appears; and

1           (3) in subsection (f), by striking paragraph (2)  
2           and inserting the following:

3           “(2) The term ‘TRICARE Retired Reserve’  
4           means—

5                   “(A) medical care at facilities of the uni-  
6                   formed services to which a dependent described  
7                   in section 1076(a)(2) of this title is entitled;  
8                   and

9                   “(B) health benefits under the TRICARE  
10                  Select self-managed, preferred provider network  
11                  option under section 1075 of this title made  
12                  available to beneficiaries by reason of this sec-  
13                  tion and subject to the cost-sharing require-  
14                  ments set forth in such section 1075.”.

15 **SEC. 703. MODIFICATION OF ELIGIBILITY FOR TRICARE RE-**  
16 **SERVE SELECT AND TRICARE RETIRED RE-**  
17 **SERVE OF CERTAIN MEMBERS OF THE RE-**  
18 **SERVE COMPONENTS.**

19           (a) TRICARE RESERVE SELECT.—Section 1076d(a)  
20 of title 10, United States Code, is amended—

21                   (1) in paragraph (1), by striking “(1) Except as  
22                   provided in paragraph (2), a member” and inserting  
23                   “A member”; and

24                   (2) by striking paragraph (2).

1 (b) TRICARE RETIRED RESERVE.—Section  
2 1076e(a) of title 10, United States Code, is amended—

3 (1) in paragraph (1), by striking “(1) Except as  
4 provided in paragraph (2), a member” and inserting  
5 “A member”; and

6 (2) by striking paragraph (2).

7 **SEC. 704. EXPEDITED EVALUATION AND TREATMENT FOR**  
8 **PRENATAL SURGERY UNDER THE TRICARE**  
9 **PROGRAM.**

10 (a) IN GENERAL.—The Secretary of Defense shall  
11 implement processes and procedures to ensure that a cov-  
12 ered beneficiary under the TRICARE program whose  
13 pregnancy is complicated with a fetal condition or sus-  
14 pected of being complicated with a fetal condition receives,  
15 in an expedited manner and at the discretion of the cov-  
16 ered beneficiary, evaluation, non-directive counseling, and  
17 treatment from a perinatal or pediatric specialist capable  
18 of providing surgical management and intervention in  
19 utero.

20 (b) DEFINITIONS.—In this section, the terms “cov-  
21 ered beneficiary” and “TRICARE program” have the  
22 meanings given those terms in section 1072 of title 10,  
23 United States Code.

1 **SEC. 705. SPECIFICATION THAT INDIVIDUALS UNDER THE**  
 2 **AGE OF 21 ARE ELIGIBLE FOR HOSPICE CARE**  
 3 **SERVICES UNDER THE TRICARE PROGRAM.**

4 Section 1079(a)(15) of title 10, United States Code,  
 5 is amended by inserting before the period at the end the  
 6 following: “, except that hospice care may be provided to  
 7 individuals under the age of 21”.

8 **SEC. 706. MODIFICATIONS OF COST-SHARING REQUIRE-**  
 9 **MENTS FOR THE TRICARE PHARMACY BENE-**  
 10 **FITS PROGRAM AND TREATMENT OF CER-**  
 11 **TAIN PHARMACEUTICAL AGENTS.**

12 (a) IN GENERAL.—Paragraph (6) of section  
 13 1074g(a) of title 10, United States Code, is amended to  
 14 read as follows:

15 “(6)(A) In the case of any of the years 2018 through  
 16 2026, the cost-sharing amounts under this subsection for  
 17 eligible covered beneficiaries shall be determined in accord-  
 18 ance with the following table:

| “For: | The cost-sharing amount for a 30-day supply of a retail generic is: | The cost-sharing amount for a 30-day supply of a retail formulary is: | The cost-sharing amount for a 90-day supply of a mail order generic is: | The cost-sharing amount for a 90-day supply of a mail order formulary is: | The cost-sharing amount for a 90-day supply of a mail order non-formulary is: |
|-------|---|---|---|---|---|
| 2018  | \$10  | \$28  | \$10  | \$28  | \$54  |
| 2019  | \$10  | \$30  | \$10  | \$30  | \$58  |
| 2020  | \$10  | \$32  | \$10  | \$32  | \$62  |
| 2021  | \$11  | \$34  | \$11  | \$34  | \$66  |
| 2022  | \$11  | \$36  | \$11  | \$36  | \$70  |
| 2023  | \$11  | \$38  | \$11  | \$38  | \$75  |

| “For: | The cost-sharing amount for a 30-day supply of a retail generic is: | The cost-sharing amount for a 30-day supply of a retail formulary is: | The cost-sharing amount for a 90-day supply of a mail order generic is: | The cost-sharing amount for a 90-day supply of a mail order formulary is: | The cost-sharing amount for a 90-day supply of a mail order non-formulary is: |
|-------|---|---|---|---|---|
| 2024  | \$12  | \$40  | \$12  | \$40  | \$80  |
| 2025  | \$13  | \$42  | \$13  | \$42  | \$85  |
| 2026  | \$14  | \$45  | \$14  | \$45  | \$90  |

1       “(B) For any year after 2026, the cost-sharing  
2 amounts under this subsection for eligible covered bene-  
3 ficiaries shall be equal to the cost-sharing amounts for the  
4 previous year adjusted by an amount, if any, determined  
5 by the Secretary to reflect changes in the costs of pharma-  
6 ceutical agents and prescription dispensing, rounded to  
7 the nearest dollar.

8       “(C) Notwithstanding subparagraphs (A) and (B),  
9 the cost-sharing amounts under this subsection for a de-  
10 pendent of a member of the uniformed services who dies  
11 while on active duty, a member retired under chapter 61  
12 of this title, or a dependent of a member retired under  
13 such chapter shall be equal to the cost-sharing amounts,  
14 if any, for 2017.”.

15       (b) TREATMENT OF CERTAIN PHARMACEUTICAL  
16 AGENTS.—

17               (1) PHARMACY BENEFITS PROGRAM.—Such sec-  
18 tion is amended by adding at the end the following  
19 new paragraph:

1           “(10) Notwithstanding paragraphs (2), (5), and (6),  
2 in order to encourage the use by covered beneficiaries of  
3 pharmaceutical agents that provide the greatest value to  
4 covered beneficiaries and the Department of Defense (as  
5 determined by the Secretary, including considerations of  
6 better care, healthier people, and smarter spending), the  
7 Secretary may, upon the recommendation of the Phar-  
8 macy and Therapeutics Committee established under sub-  
9 section (b) and review by the Uniform Formulary Bene-  
10 ficiary Advisory Panel established under subsection (c)—

11           “(A) exclude from the pharmacy benefits pro-  
12 gram any pharmaceutical agent that the Secretary  
13 determines provides very little or no value to covered  
14 beneficiaries and the Department under the pro-  
15 gram; and

16           “(B) give preferential status to any non-generic  
17 pharmaceutical agent on the uniform formulary by  
18 treating it, for purposes of cost-sharing under para-  
19 graph (6), as a generic product under the TRICARE  
20 retail pharmacy program and mail order pharmacy  
21 program.”.

22           (2) MEDICAL CONTRACTS.—Section 1079 of  
23 such title is amended by adding at the end the fol-  
24 lowing new subsection:

1       “(q) In the case of any pharmaceutical agent (as de-  
2 fined in section 1074g(g) of this title) provided under a  
3 contract entered into under this section by a physician,  
4 in an outpatient department of a hospital, or otherwise  
5 as part of any medical services provided under such a con-  
6 tract, the Secretary of Defense may, under regulations  
7 prescribed by the Secretary, adopt special reimbursement  
8 methods, amounts, and procedures to encourage the use  
9 of high-value products and discourage the use of low-value  
10 products, as determined by the Secretary.”.

11           (3) REGULATIONS.—In order to implement ex-  
12 peditiously the reforms authorized by the amend-  
13 ments made by paragraphs (1) and (2), the Sec-  
14 retary of Defense may prescribe such changes to the  
15 regulations implementing the TRICARE program  
16 (as defined in section 1072 of title 10, United States  
17 Code) as the Secretary considers appropriate—

18           (A) by prescribing an interim final rule;

19           and

20           (B) not later than one year after pre-  
21 scribing such interim final rule and considering  
22 public comments with respect to such interim  
23 final rule, by prescribing a final rule.

1 **SEC. 707. CONSOLIDATION OF COST-SHARING REQUIRE-**  
2 **MENTS UNDER TRICARE SELECT AND**  
3 **TRICARE PRIME.**

4 (a) TRICARE SELECT.—

5 (1) IN GENERAL.—Section 1075 of title 10,  
6 United States Code, is amended—

7 (A) in subsection (c), by striking para-  
8 graphs (1) and (2) and inserting the following  
9 new paragraphs:

10 “(1) With respect to beneficiaries in the active-  
11 duty family member category or the retired category  
12 other than beneficiaries described in paragraph  
13 (2)(B), the cost-sharing requirements shall be cal-  
14 culated pursuant to subsection (d)(1).

15 “(2)(A) With respect to beneficiaries described  
16 in subparagraph (B) in the active-duty family mem-  
17 ber category or the retired category, the cost-sharing  
18 requirements shall be calculated as if the beneficiary  
19 were enrolled in TRICARE Extra or TRICARE  
20 Standard as if TRICARE Extra or TRICARE  
21 Standard, as the case may be, were still being car-  
22 ried out by the Secretary.

23 “(B) Beneficiaries described in this subpara-  
24 graph are the following beneficiaries:

25 “(i) Retired members and the family mem-  
26 bers of such retired members covered by section

1           1086(c)(1) of this title by reason of being re-  
2           tired under chapter 61 of this title or being a  
3           dependent of such a retired member.

4           “(ii) Survivors covered by section  
5           1086(c)(2) of this title.”;

6           (B) by striking subsection (e); and

7           (C) by redesignating subsections (f), (g),  
8           and (h) as subsections (e), (f), and (g), respec-  
9           tively.

10          (2) CONFORMING AMENDMENT.—Subsection  
11          (d)(2) of such section is amended by striking “, and  
12          the amounts specified under paragraphs (1) and (2)  
13          of subsection (e),”.

14          (b) TRICARE PRIME.—Section 1075a(a) of title 10,  
15          United States Code, is amended—

16                 (1) by striking paragraph (2) and inserting the  
17                 following new paragraph:

18                         “(2) With respect to beneficiaries in the active-  
19                         duty family member category or the retired category  
20                         (as described in section 1075(b)(1) of this title)  
21                         other than beneficiaries described in paragraph  
22                         (3)(B), the cost-sharing requirements shall be cal-  
23                         culated pursuant to subsection (b)(1).”; and

24                 (2) in paragraph (3), by striking subparagraph  
25                 (B) and inserting the following new subparagraph:

1           “(B) Beneficiaries described in this subpara-  
2 graph are the following beneficiaries:

3           “(i) Retired members and the family mem-  
4 bers of such retired members covered by section  
5 1086(c)(1) of this title by reason of being re-  
6 tired under chapter 61 of this title or being a  
7 dependent of such a retired member.

8           “(ii) Survivors covered by section  
9 1086(c)(2) of this title.”.

10       (c) EFFECTIVE DATE.—The amendments made by  
11 this section shall take effect on January 1, 2018.

12 **SEC. 708. TRICARE TECHNICAL AMENDMENTS.**

13       (a) DEFINITION OF TRICARE STANDARD.—Para-  
14 graph (15) of section 1072 of title 10, United States Code,  
15 is amended to read as follows:

16           “(15) The term ‘TRICARE Standard’ means  
17 the TRICARE program made available prior to Jan-  
18 uary 1, 2018, covering health benefits contracted for  
19 under the authority of section 1079(a) or 1086(a) of  
20 this title and subject to the same rates and condi-  
21 tions as apply to persons covered under those sec-  
22 tions.”.

23       (b) COST-SHARING AMOUNTS.—

24           (1) TRICARE SELECT.—

1           (A) ALLOWANCE OF COST-SHARING  
2 AMOUNTS AS DETERMINED BY THE SEC-  
3 RETARY.—Subsection (d) of section 1075 of  
4 such title is amended by adding at the end the  
5 following new paragraph:

6           “(4) The cost-sharing requirements applicable to  
7 services not specifically addressed in the table set forth  
8 in paragraph (1) shall be established by the Secretary.”.

9           (B) MODIFICATION OF REFERENCE TO AM-  
10 BULANCE CIVILIAN NETWORK.—Paragraph (1)  
11 of such subsection is amended, in the first col-  
12 umn of the table, by striking “Ambulance civil-  
13 ian network” and inserting “Ground ambulance  
14 civilian network”.

15           (2) TRICARE PRIME.—

16           (A) ALLOWANCE OF COST-SHARING  
17 AMOUNTS AS DETERMINED BY THE SEC-  
18 RETARY.—Subsection (b) of section 1075a of  
19 such title is amended by adding at the end the  
20 following new paragraph:

21           “(4) The cost-sharing requirements applicable to  
22 services not specifically addressed in the table set forth  
23 in paragraph (1) shall be established by the Secretary.”.

24           (B) MODIFICATION OF REFERENCE TO AM-  
25 BULANCE CIVILIAN NETWORK.—Paragraph (1)

1 of such section is amended, in the first column  
2 of the table, by striking “Ambulance civilian  
3 network” and inserting “Ground ambulance ci-  
4 vilian network”.

5 (c) MEDICAL CARE FOR DEPENDENTS.—

6 (1) REFERENCE TO MEDICALLY NECESSARY VI-  
7 TAMINS.—Paragraphs (3) and (18) of section  
8 1077(a) of such title are amended by striking “sub-  
9 section (g)” each place it appears and inserting  
10 “subsection (h)”.

11 (2) ELIGIBILITY OF DEPENDENTS TO PUR-  
12 CHASE HEARING AIDS.—Section 1077(g) of such  
13 title is amended by striking “of former members of  
14 the uniformed services” and inserting “eligible for  
15 care under this section”.

16 (d) MODIFICATION OF REFERENCE TO FISCAL  
17 YEAR.—

18 (1) CONTRACTS FOR MEDICAL CARE FOR  
19 SPOUSES AND CHILDREN.—Section 1079(b) such  
20 title is amended by striking “fiscal year” each place  
21 it appears and inserting “calendar year”.

22 (2) CONTRACTS FOR HEALTH BENEFITS FOR  
23 CERTAIN MEMBERS, FORMER MEMBERS, AND THEIR  
24 DEPENDENTS.—Section 1086(b) of such title is

1 amended by striking “fiscal year” each place it ap-  
2 pears and inserting “calendar year”.

3 (e) REFERRALS AND PREAUTHORIZATIONS FOR  
4 TRICARE PRIME.—

5 (1) PREAUTHORIZATION FOR CARE AT RESI-  
6 DENTIAL TREATMENT CENTERS.—Section 1095f(b)  
7 of such title is amended by adding at the end the  
8 following new paragraph:

9 “(4) Inpatient care at a residential treatment  
10 center.”.

11 (2) REFERENCE.—Section 1075a(c) of such  
12 title is amended by striking “section 1075f(a)” and  
13 inserting “section 1095f(a)”.

14 (f) APPLICABILITY OF PREMIUM FOR DEPENDENT  
15 COVERAGE.—Section 1110b(c)(1) of such title is amended  
16 by striking “section 1075 of this section” and inserting  
17 “section 1075 or 1075a of this title, as appropriate”.

18 **SEC. 709. CONTRACEPTION COVERAGE PARITY UNDER THE**  
19 **TRICARE PROGRAM.**

20 (a) IN GENERAL.—Section 1074d of title 10, United  
21 States Code, is amended—

22 (1) in subsection (a)—

23 (A) in the subsection heading, by inserting  
24 “FOR MEMBERS AND FORMER MEMBERS” after  
25 “SERVICES AVAILABLE”; and

1 (B) in paragraph (1), by striking “sub-  
2 section (b)” and inserting “subsection (d)”;

3 (2) by redesignating subsection (b) as sub-  
4 section (d); and

5 (3) by inserting after subsection (a) the fol-  
6 lowing new subsections:

7 “(b) CARE RELATED TO PREVENTION OF PREG-  
8 NANCY.—Female covered beneficiaries shall be entitled to  
9 care related to the prevention of pregnancy described in  
10 subsection (d)(3).

11 “(c) PROHIBITION ON COST-SHARING FOR CERTAIN  
12 SERVICES.—Notwithstanding section 1074g(a)(6), section  
13 1075, or section 1075a of this title or any other provision  
14 of law, cost-sharing may not be imposed or collected for  
15 care related to the prevention of pregnancy provided pur-  
16 suant to subsection (a) or (b), including for any method  
17 of contraception provided, whether provided through a fa-  
18 cility of the uniformed services, the TRICARE retail phar-  
19 macy program, or the national mail-order pharmacy pro-  
20 gram.”.

21 (b) CARE RELATED TO PREVENTION OF PREG-  
22 NANCY.—Subsection (d)(3) of such section, as redesign-  
23 nated by subsection (a)(2), is further amended by insert-  
24 ing before the period at the end the following: “(including  
25 all methods of contraception approved by the Food and

1 Drug Administration, contraceptive care (including with  
2 respect to insertion, removal, and follow up), sterilization  
3 procedures, and patient education and counseling in con-  
4 nection therewith”).

5 (c) CONFORMING AMENDMENT.—Section  
6 1077(a)(13) of such title is amended by striking “section  
7 1074d(b)” and inserting “section 1074d(d)”.

8 (d) EFFECTIVE DATE.—The amendments made by  
9 this section shall take effect on October 1, 2018.

## 10 **Subtitle B—Health Care**

### 11 **Administration**

#### 12 **SEC. 721. MODIFICATION OF PRIORITY FOR EVALUATION**

#### 13 **AND TREATMENT OF INDIVIDUALS AT MILI-**

#### 14 **TARY TREATMENT FACILITIES.**

15 Subsection (b) of section 717 of the National Defense  
16 Authorization Act for Fiscal Year 2017 (Public Law 114–  
17 328) is amended to read as follows:

18 “(b) PRIORITY OF COVERED BENEFICIARIES.—

19 “(1) IN GENERAL.—Except as provided in para-  
20 graph (2), the evaluation and treatment of covered  
21 beneficiaries at military treatment facilities shall be  
22 prioritized ahead of the evaluation and treatment of  
23 veterans and civilians at such facilities under sub-  
24 section (a).

1           “(2) WAIVER.—The Secretary may waive the  
2 requirement under paragraph (1) in order to provide  
3 timely evaluation and treatment for individuals who  
4 are—

5                   “(A) severely wounded or injured by acts  
6 of terror that occur in the United States; or

7                   “(B) residents of the United States who  
8 are severely wounded or injured by acts of ter-  
9 ror outside the United States.”.

10 **SEC. 722. SELECTION OF DIRECTORS OF MILITARY TREAT-**  
11 **MENT FACILITIES AND TOURS OF DUTY OF**  
12 **SUCH DIRECTORS.**

13           (a) IN GENERAL.—Not later than January 1, 2019,  
14 the Secretary of Defense shall do the following:

15                   (1) Develop the common qualifications and core  
16 competencies required of military and civilian indi-  
17 viduals for selection as directors of military treat-  
18 ment facilities.

19                   (2) Establish a minimum length for the tour of  
20 duty of a member of the Armed Forces serving as  
21 a director of a military treatment facility.

22           (b) QUALIFICATIONS AND COMPETENCIES.—

23                   (1) STANDARDS.—In developing common quali-  
24 fications and core competencies under subsection

1 (a)(1), the Secretary shall include standards with re-  
2 spect to the following:

3 (A) Professional competence.

4 (B) Moral and ethical integrity and char-  
5 acter.

6 (C) Formal education in healthcare execu-  
7 tive leadership and healthcare management.

8 (D) Such other matters as the Secretary  
9 considers appropriate.

10 (2) OBJECTIVE.—The objective of the Secretary  
11 in developing such qualifications and competencies  
12 shall be to ensure that the individuals selected as di-  
13 rectors of military treatment facilities are highly  
14 qualified to serve as health system executives in a  
15 medical treatment facility of the Armed Forces.

16 (c) TOURS OF DUTY.—

17 (1) IN GENERAL.—Except as provided in para-  
18 graph (2), in the case of a director of a military  
19 treatment facility who is a member of the Armed  
20 Forces, the length of the tour of duty of any such  
21 director assigned to such position after January 1,  
22 2019, may not be shorter than the longer of—

23 (A) the length established pursuant to sub-  
24 section (a)(2); or

25 (B) three years.

1           (2) WAIVER.—The Secretary may authorize a  
2           tour of duty of a member of the Armed Forces serv-  
3           ing as a director of a military treatment facility of  
4           a shorter length than is otherwise provided for in  
5           paragraph (1) if the Secretary determines, in the  
6           discretion of the Secretary, that there is good cause  
7           for a tour of duty in such position of shorter length.  
8           Any such determination shall be made on a case-by-  
9           case basis.

10 **SEC. 723. CLARIFICATION OF ADMINISTRATION OF MILI-**  
11 **TARY MEDICAL TREATMENT FACILITIES.**

12           Section 1073e(a) of title 10, United States Code, is  
13 amended—

14           (1) in paragraph (1)(E), by striking “miliary”  
15           and inserting “military”;

16           (2) in paragraph (2), in the matter preceding  
17           subparagraph (A), by striking “commander of each  
18           military medical treatment facility” and inserting  
19           “military or civilian director of each military medical  
20           treatment facility, under the authority, direction,  
21           and control of the Director of the Defense Health  
22           Agency,”; and

23           (3) by adding at the end the following new  
24           paragraph:



1 **SEC. 725. PILOT PROGRAM ON ESTABLISHMENT OF INTE-**  
2 **GRATED HEALTH CARE DELIVERY SYSTEMS.**

3 (a) IN GENERAL.—Beginning not later than one year  
4 after the date of the enactment of this Act, the Secretary  
5 of Defense, in consultation with the Secretary of Veterans  
6 Affairs and the Secretary of Health and Human Services,  
7 shall carry out a pilot program to establish integrated  
8 health care delivery systems among the military health  
9 system, other Federal health systems, and private sector  
10 integrated health systems.

11 (b) DURATION OF PILOT PROGRAM.—The Secretary  
12 of Defense shall carry out the pilot program for a period  
13 of not less than five years.

14 (c) IMPLEMENTATION OF PILOT PROGRAM.—

15 (1) ESTABLISHMENT OF TASK FORCE.—The  
16 Secretary shall establish a multi-disciplinary task  
17 force of Federal and private sector health care ex-  
18 perts (in this section referred to as the “Task  
19 Force”) to develop a plan to implement the pilot  
20 program.

21 (2) MEMBERSHIP OF TASK FORCE.—

22 (A) IN GENERAL.—The Task Force shall  
23 be composed of senior health care representa-  
24 tives from—

25 (i) the Department of Defense;

1 (ii) the Department of Veterans Af-  
2 fairs;

3 (iii) the Centers for Medicare & Med-  
4 icaid Services;

5 (iv) high-performance, integrated  
6 health systems in the private sector; and

7 (v) health information technology or-  
8 ganizations in the private sector.

9 (B) ADDITIONAL MEMBERS.—The Sec-  
10 retary may appoint additional members of the  
11 Task Force from the private sector as the Sec-  
12 retary considers appropriate.

13 (3) SUBMITTAL OF PLAN.—Not later than 180  
14 days after the date of the enactment of this Act, the  
15 Task Force shall submit to the Secretary an imple-  
16 mentation plan for the pilot program.

17 (4) NONAPPLICABILITY OF FEDERAL ADVISORY  
18 COMMITTEE ACT.—The Federal Advisory Committee  
19 Act (5 U.S.C. App.) shall not apply to the Task  
20 Force.

21 (d) ELEMENTS.—The pilot program shall be devel-  
22 oped and carried out as follows:

23 (1) To create high-value integrated health sys-  
24 tems that—

1 (A) establish value-based models of reim-  
2 bursement for health care providers in inte-  
3 grated health care delivery systems to promote  
4 medical innovation and create better health  
5 value for patients;

6 (B) provide innovative health benefit de-  
7 sign solutions to promote effective, efficient,  
8 and affordable health care; and

9 (C) tailor case management and care co-  
10 ordination for high-need, high-cost patients.

11 (2) To empower health care providers with real-  
12 time advanced information technology solutions—

13 (A) to coordinate and manage health care  
14 services across the continuum of care; and

15 (B) to leverage sophisticated data capture,  
16 cloud computing, and data analytical tools to  
17 provide predictive modeling capabilities for  
18 health care providers.

19 (3) To empower patients with transparent in-  
20 formation on health care costs, quality outcomes,  
21 and safety within health care provider networks in  
22 high-value integrated health systems.

23 (4) To provide incentives to patients and health  
24 care providers to prevent overuse of low-value health  
25 care services.

1 (e) REPORTS.—

2 (1) REPORT ON IMPLEMENTATION.—Not later  
3 than 270 days after the date of the enactment of  
4 this Act, the Secretary shall transmit to the Com-  
5 mittees on Armed Services of the Senate and the  
6 House of Representatives the implementation plan  
7 submitted to the Secretary under subsection (c)(3).

8 (2) FINAL REPORT.—

9 (A) IN GENERAL.—Not later than four  
10 years after the date that the pilot program be-  
11 gins, the Secretary shall submit to the Commit-  
12 tees on Armed Services of the Senate and the  
13 House of Representatives a report assessing the  
14 pilot program.

15 (B) ELEMENTS.—The report submitted  
16 under subparagraph (A) shall provide the fol-  
17 lowing:

18 (i) An analysis of the impact of the  
19 pilot program on building sustainable inte-  
20 grated health care delivery systems among  
21 the military health system, other Federal  
22 health systems, and private sector inte-  
23 grated health systems.

24 (ii) A determination of the extent to  
25 which value-based health care reimburse-

1           ment models create value for patients and  
2           the health systems participating in the  
3           pilot program.

4           (iii) A determination of the extent to  
5           which the use of real-time advanced infor-  
6           mation technology solutions—

7                   (I) improves coordination and  
8                   management of health care services  
9                   across the continuum of care; and

10                   (II) leverages sophisticated data  
11                   capture, cloud computing, and data  
12                   analytical tools to provide comprehen-  
13                   sive predictive modeling capabilities  
14                   for health care providers.

15           (iv) A determination of the extent to  
16           which transparency of health care costs,  
17           health care quality outcomes, and patient  
18           safety within health care provider networks  
19           encourages patients to seek care from  
20           health care providers who provide high-  
21           quality health outcomes at lower cost.

22           (v) A determination of the extent to  
23           which patient and provider incentives pre-  
24           vent overuse of low-value health services.

1 (vi) A determination of the extent to  
2 which the pilot program should be ex-  
3 panded and implemented on a permanent  
4 basis.

## 5 **Subtitle C—Reports and Other** 6 **Matters**

### 7 **SEC. 731. EXTENSION OF AUTHORITY FOR JOINT DEPART-** 8 **MENT OF DEFENSE-DEPARTMENT OF VET-** 9 **ERANS AFFAIRS MEDICAL FACILITY DEM-** 10 **ONSTRATION FUND.**

11 Section 1704(e) of the National Defense Authoriza-  
12 tion Act for Fiscal Year 2010 (Public Law 111–84; 123  
13 Stat. 2573), as amended by section 722 of the Carl Levin  
14 and Howard P. “Buck” McKeon National Defense Au-  
15 thorization Act for Fiscal Year 2015 (Public Law 113–  
16 291), section 723 of the National Defense Authorization  
17 Act for Fiscal Year 2016 (Public Law 114–92), and sec-  
18 tion 741(a) of the National Defense Authorization Act for  
19 Fiscal Year 2017 (Public Law 114–328), is further  
20 amended by striking “September 30, 2018” and inserting  
21 “September 30, 2019”.

1 **SEC. 732. ADDITIONAL EMERGENCY USES FOR MEDICAL**  
2 **PRODUCTS TO REDUCE DEATHS AND SEVER-**  
3 **ITY OF INJURIES CAUSED BY AGENTS OF**  
4 **WAR.**

5 Section 1107a of title 10, United States Code, is  
6 amended by adding at the end the following new sub-  
7 section:

8 “(d) **ADDITIONAL AUTHORITY TO REDUCE DEATHS**  
9 **AND SEVERITY OF INJURIES CAUSED BY AGENTS OF**  
10 **WAR.—(1)** In a case in which an emergency use of an  
11 unapproved product or an emergency unapproved use of  
12 an approved product cannot be authorized under section  
13 564 of the Federal Food, Drug and Cosmetic Act (21  
14 U.S.C. 360bbb–3) because the emergency does not involve  
15 an actual or threatened attack with a biological, chemical,  
16 radiological, or nuclear agent or agents, the Secretary of  
17 Defense may authorize an emergency use outside the  
18 United States of the product to reduce the number of  
19 deaths or the severity of harm to members of the armed  
20 forces (or individuals associated with deployed members  
21 of the armed forces) caused by a risk or agent of war.

22 “(2) Except as otherwise provided in this subsection,  
23 an authorization by the Secretary under paragraph (1)  
24 shall have the same effect with respect to the armed forces  
25 as an emergency use authorization under section 564 of

1 the Federal Food, Drug and Cosmetic Act (21 U.S.C.  
2 360bbb-3).

3 “(3) The Secretary may issue an authorization under  
4 paragraph (1) with respect to the emergency use of an  
5 unapproved product or the emergency unapproved use of  
6 an approved product only if—

7 “(A) the committee established under para-  
8 graph (5) has recommended that the Secretary issue  
9 the authorization; and

10 “(B) the Assistant Secretary of Defense for  
11 Health Affairs makes a written determination, after  
12 consultation with the Commissioner of Food and  
13 Drugs, that, based on the totality of scientific evi-  
14 dence available to the Assistant Secretary, criteria  
15 comparable to those specified in section 564(c) of  
16 the Federal Food, Drug and Cosmetic Act (21  
17 U.S.C. 360bbb-3(c)) have been met.

18 “(4) With respect to the emergency use of an unap-  
19 proved product or the emergency unapproved use of an  
20 approved product under this subsection, the Secretary of  
21 Defense shall establish such scope, conditions, and terms  
22 under this subsection as the Secretary considers appro-  
23 priate, including scope, conditions, and terms comparable  
24 to those specified in section 564 of the Federal Food,  
25 Drug and Cosmetic Act (21 U.S.C. 360bbb-3).

1       “(5)(A) There is established in the Department of  
2 Defense a Department of Defense Emergency Use Author-  
3 ization Committee (in this paragraph referred to as the  
4 ‘Committee’) to advise the Assistant Secretary of Defense  
5 for Health Affairs on proposed authorizations under this  
6 subsection.

7       “(B) Members of the Committee shall be appointed  
8 by the Secretary of Defense and shall consist of prominent  
9 health care professionals who are not employees of the De-  
10 partment of Defense (other than for purposes of serving  
11 as a member of the Committee).

12       “(C) The Committee may be established as a sub-  
13 committee of another Federal advisory committee.

14       “(6) In this subsection:

15               “(A) The term ‘biological product’ has the  
16 meaning given that term in section 351(i) of the  
17 Public Health Service Act (42 U.S.C. 262(i)).

18               “(B) The terms ‘device’ and ‘drug’ have the  
19 meanings given those terms in section 201 of the  
20 Federal Food, Drug and Cosmetic Act (21 U.S.C.  
21 321).

22               “(C) The term ‘product’ means a drug, device,  
23 or biological product.

24               “(D) The terms ‘unapproved product’ and ‘un-  
25 approved use of an approved product’ have the

1 meanings given those terms in section 564(a)(4) of  
2 the Federal Food, Drug and Cosmetic Act (21  
3 U.S.C. 360bbb-3(a)(4)).”.

4 **SEC. 733. PROHIBITION ON CONDUCT OF CERTAIN MED-**  
5 **ICAL RESEARCH AND DEVELOPMENT**  
6 **PROJECTS.**

7 The Secretary of Defense and each Secretary of a  
8 military department may not fund or conduct a medical  
9 research and development project unless the Secretary  
10 funding or conducting the project—

11 (1) submits to the Committees on Armed Serv-  
12 ices of the Senate and the House of Representatives  
13 a written certification that the project is designed to  
14 directly protect, enhance, or restore the health and  
15 safety of members of the Armed Forces; and

16 (2) does not initiate the funding or conduct of  
17 such project until the date that is 90 days after the  
18 submittal of such written certification.

19 **SEC. 734. MODIFICATION OF DETERMINATION OF AVERAGE**  
20 **WAIT TIMES AT URGENT CARE CLINICS AND**  
21 **PHARMACIES AT MILITARY MEDICAL TREAT-**  
22 **MENT FACILITIES UNDER PILOT PROGRAM.**

23 (a) URGENT CARE CLINICS.—Subsection (c)(2) of  
24 section 744 of the National Defense Authorization Act for

1 Fiscal Year 2017 (Public Law 114–328) is amended to  
2 read as follows:

3           “(2) DETERMINATION.—In carrying out para-  
4 graph (1), the Secretary shall determine the average  
5 wait time to display under such paragraph by using  
6 a formula derived from best practices in the health  
7 care industry.”.

8           (b) PHARMACIES.—Subsection (d)(2) of such section  
9 is amended to read as follows:

10           “(2) DETERMINATION.—In carrying out para-  
11 graph (1), the Secretary shall determine the average  
12 wait time to display under such paragraph by using  
13 a formula derived from best practices in the health  
14 care industry.”.

15 **SEC. 735. REPORT ON PLAN TO IMPROVE PEDIATRIC CARE**  
16 **AND RELATED SERVICES FOR CHILDREN OF**  
17 **MEMBERS OF THE ARMED FORCES.**

18           (a) IN GENERAL.—Not later than 180 days after the  
19 date of the enactment of this Act, the Secretary of Defense  
20 shall submit to the Committees on Armed Services of the  
21 Senate and the House of Representatives a report setting  
22 forth a plan of the Department of Defense to improve pe-  
23 diatric care and related services for children of members  
24 of the Armed Forces.

1 (b) ELEMENTS.—The report required by subsection  
2 (a) shall include the following:

3 (1) In order to ensure that children receive de-  
4 velopmentally-appropriate and age-appropriate  
5 health care services from the Department, a plan to  
6 align preventive pediatric care under the TRICARE  
7 program with—

8 (A) standards for such care as required by  
9 the Patient Protection and Affordable Care Act  
10 (Public Law 111–148);

11 (B) guidelines established for such care by  
12 the Early and Periodic Screening, Diagnosis,  
13 and Treatment program under the Medicaid  
14 program carried out under title XIX of the So-  
15 cial Security Act (42 U.S.C. 1396 et seq.); and

16 (C) recommendations by organizations that  
17 specialize in pediatrics.

18 (2) A plan to develop a uniform definition of  
19 “pediatric medical necessity” for the Department  
20 that aligns with recommendations of organizations  
21 that specialize in pediatrics in order to ensure that  
22 a consistent definition of such term is used in pro-  
23 viding health care in military treatment facilities and  
24 by health care providers under the TRICARE pro-  
25 gram.

1           (3) A plan to revise certification requirements  
2 for residential treatment centers of the Department  
3 to expand the access of children of members of the  
4 Armed Forces to services at such centers.

5           (4) A plan to develop measures to evaluate and  
6 improve access to pediatric care, coordination of pe-  
7 diatric care, and health outcomes for such children.

8           (5) A plan to include an assessment of access  
9 to pediatric specialty care in the annual report to  
10 Congress on the effectiveness of the TRICARE pro-  
11 gram.

12           (6) A plan to improve the quality of and access  
13 to behavioral health care under the TRICARE pro-  
14 gram for children of members of the Armed Forces,  
15 including intensive outpatient and partial hos-  
16 pitalization services.

17           (7) A plan to mitigate the impact of permanent  
18 changes of station and other service-related reloca-  
19 tions of members of the Armed Forces on the con-  
20 tinuity of health care services received by such chil-  
21 dren who have special medical or behavioral health  
22 needs.

23           (8) A plan to mitigate deficiencies in data col-  
24 lection, data utilization, and data analysis to im-

1       prove pediatric care and related services for children  
2       of members of the Armed Forces.

3       (c) TRICARE PROGRAM DEFINED.—In this section,  
4 the term “TRICARE program” has the meaning given  
5 such term in section 1072 of title 10, United States Code.

6 **SEC. 736. INCLUSION OF GAMBLING DISORDER IN HEALTH**  
7                   **ASSESSMENTS AND RELATED RESEARCH EF-**  
8                   **FORTS OF THE DEPARTMENT OF DEFENSE.**

9       (a) ANNUAL PERIODIC HEALTH ASSESSMENT.—The  
10 Secretary of Defense shall incorporate medical screening  
11 questions specific to gambling disorder into the Annual  
12 Periodic Health Assessment (DD Form 3024) conducted  
13 by the Department of Defense for members of the Armed  
14 Forces.

15       (b) RESEARCH EFFORTS.—The Secretary shall incor-  
16 porate into ongoing research efforts of the Department  
17 questions on gambling disorder, as appropriate, including  
18 by restoring such questions into the Health Related Be-  
19 haviors Survey of Active Duty Military Personnel.

1 **TITLE VIII—ACQUISITION POL-**  
2 **ICY, ACQUISITION MANAGE-**  
3 **MENT, AND RELATED MAT-**  
4 **TERS**

5 **Subtitle A—Acquisition Policy and**  
6 **Management**

7 **SEC. 801. REPEAL OF TEMPORARY SUSPENSION OF PUBLIC-**  
8 **PRIVATE COMPETITIONS FOR CONVERSION**  
9 **OF DEPARTMENT OF DEFENSE FUNCTIONS**  
10 **TO PERFORMANCE BY CONTRACTORS.**

11 Effective as of the date that is one year after the  
12 date of the enactment of this Act, section 325 of the Na-  
13 tional Defense Authorization Act for Fiscal Year 2010  
14 (Public Law 111–84; 123 Stat. 2253) is repealed.

15 **SEC. 802. TECHNICAL AND CONFORMING AMENDMENTS RE-**  
16 **LATED TO PROGRAM MANAGEMENT PROVI-**  
17 **SIONS.**

18 (a) REPEAL OF DUPLICATIVE PROVISION RELATED  
19 TO PROGRAM AND PROJECT MANAGEMENT.—Subsection  
20 (c) of section 503 of title 31, United States Code, as added  
21 by section 861(a)(1) of the National Defense Authoriza-  
22 tion Act for Fiscal Year 2017 (Public Law 114–328; 130  
23 Stat. 2298), is repealed.

24 (b) REPEAL OF DUPLICATIVE PROVISION RELATED  
25 TO PROGRAM MANAGEMENT OFFICERS AND PROGRAM

1 MANAGEMENT POLICY COUNCIL.—Section 1126 of title  
2 31, United States Code, as added by section 861(b)(1) of  
3 the National Defense Authorization Act for Fiscal Year  
4 2017 (Public Law 114–328; 130 Stat. 2299), is repealed.

5 (c) REPEAL OF OBSOLETE PROVISIONS.—Section  
6 861 of the National Defense Authorization Act for Fiscal  
7 Year 2017 (Public Law 114–328; 130 Stat. 2299) is  
8 amended—

9 (1) in subsection (a), by striking paragraphs  
10 (2) and (3);

11 (2) in subsection (b), by striking paragraph (2);

12 and

13 (3) by striking subsections (c) and (d).

14 **SEC. 803. SHOULD-COST MANAGEMENT.**

15 (a) REQUIREMENT FOR REGULATIONS.—Not later  
16 than 180 days after the date of the enactment of this Act,  
17 the Secretary of Defense shall amend the Defense Supple-  
18 ment to the Federal Acquisition Regulation to provide for  
19 the appropriate use of the should-cost review process in  
20 a manner that is transparent, objective, and provides for  
21 the efficiency of the systems acquisition process in the De-  
22 partment of the Defense.

23 (b) REQUIRED ELEMENTS.—The regulations re-  
24 quired under subsection (a) shall incorporate, at a min-  
25 imum, the following elements:

1           (1) A description of the features distinguishing  
2 a should-cost review and the analysis of program di-  
3 rect and indirect costs.

4           (2) Establishment of a process for commu-  
5 nicating with the contractor the elements of a pro-  
6 posed should-cost review.

7           (3) A method for ensuring that identified  
8 should-cost savings opportunities are based on accu-  
9 rate, complete, and current information and are as-  
10 sociated with specific engineering or business  
11 changes that can be quantified and tracked.

12           (4) A description of the training, skills, and ex-  
13 perience, including cross functional experience, that  
14 Department of Defense and contractor officials car-  
15 rying out a should-cost review in subsection (a)  
16 should possess.

17           (5) A method for ensuring appropriate collabo-  
18 ration with the contractor throughout the review  
19 process.

20           (6) Establishment of review process require-  
21 ments that provide for sufficient analysis and mini-  
22 mize any impact on program schedule.

23           (7) A requirement that any separate audit or  
24 review carried out in connection with the should-cost

1 review be provided to the prime contractor under the  
2 program.

3 **SEC. 804. CLARIFICATION OF PURPOSE OF DEFENSE AC-**  
4 **QUISITION.**

5 Not later than 180 days after the date of the enact-  
6 ment of this Act, the Secretary of Defense shall amend  
7 the Defense Federal Acquisition Regulation as appropriate  
8 to provide the following:

9 (1) The Defense Acquisition System exists to  
10 manage the nation's investments in technologies,  
11 programs, and product support necessary to achieve  
12 the National Security Strategy and support the  
13 United States Armed Forces.

14 (2) The investment strategy of the Department  
15 of Defense shall be postured to support not only to-  
16 day's force, but also the next force, and future  
17 forces beyond that.

18 (3) The primary objective of Defense acquisi-  
19 tion is to acquire quality products that satisfy user  
20 needs with measurable improvements to mission ca-  
21 pability and operational support, in a timely manner,  
22 and at a fair and reasonable price.

1 **SEC. 805. DEFENSE POLICY ADVISORY COMMITTEE ON**  
2 **TECHNOLOGY.**

3 (a) ESTABLISHMENT.—Not later than 180 days after  
4 the date of the enactment of this Act, the Secretary of  
5 Defense shall form a committee of senior executives from  
6 United States firms in the national technology and indus-  
7 trial base to meet with the Secretary, the Secretaries of  
8 the military departments, and members of the Joint  
9 Chiefs of Staff to exchange information, including, as ap-  
10 propriate, classified information, on technology threats to  
11 the national security of the United States and on the  
12 emerging technologies from the national technology and  
13 industrial base that may become available to counter such  
14 threats in a timely manner.

15 (b) MEETINGS.—The defense policy advisory com-  
16 mittee on technology formed pursuant to subsection (a)  
17 shall meet with the Secretary and the other Department  
18 of Defense officials specified in such subsection collectively  
19 at least once annually in each of fiscal years 2018 through  
20 2022. The Secretary of Defense shall provide the congres-  
21 sional defense committees annual briefings on the meet-  
22 ings.

23 (c) FEDERAL ADVISORY COMMITTEE ACT.—The  
24 Federal Advisory Committee Act (5 U.S.C. App.) shall not  
25 apply to the defense policy advisory committee on tech-  
26 nology established pursuant to this section.

1 **SEC. 806. REPORT ON EXTENSION OF DEVELOPMENT, AC-**  
2 **QUISITION, AND SUSTAINMENT AUTHORITIES**  
3 **OF THE MILITARY DEPARTMENTS TO THE**  
4 **UNITED STATES SPECIAL OPERATIONS COM-**  
5 **MAND.**

6 (a) REVIEW.—The Secretary of Defense shall carry  
7 out a review of the authorities available to the Secretaries  
8 of the military departments and the acquisition executives  
9 of the military departments for the development, acquisi-  
10 tion, and sustainment of technology, equipment, and serv-  
11 ices for the military departments in order to determine  
12 the feasibility and advisability of the provision of such au-  
13 thorities to the Commander of the United States Special  
14 Operations Command and the acquisition executive of the  
15 Command for the development, acquisition, and  
16 sustainment of special operations-peculiar technology,  
17 equipment, and services.

18 (b) REPORT.—Not later than 120 days after the date  
19 of the enactment of this Act, the Secretary shall submit  
20 to the Committees on Armed Services of the Senate and  
21 the House of Representatives a report on the review re-  
22 quired by subsection (a). The report shall include the fol-  
23 lowing:

24 (1) A description of the review.

25 (2) An identification of the authorities the Sec-  
26 retary recommends for provision to the Commander

1 of the United States Special Operations Command  
2 and the acquisition executive of the Command as de-  
3 scribed in subsection (a), and recommendations for  
4 any modifications of such authorities that the Sec-  
5 retary considers appropriate for purposes of the  
6 United States Special Operations Command.

7 (3) Such recommendations for legislative or ad-  
8 ministrative action as the Secretary considers appro-  
9 priate for the provision of authorities identified pur-  
10 suant to paragraph (2) as described in subsection  
11 (a).

12 (4) Such other matters as the Secretary con-  
13 siders appropriate in light of the review.

14 **Subtitle B—Amendments to Gen-**  
15 **eral Contracting Authorities,**  
16 **Procedures, and Limitations**

17 **SEC. 811. WAIVER AUTHORITY FOR PURPOSES OF EXPAND-**  
18 **ING COMPETITION.**

19 Section 2304 of title 10, United States Code, is  
20 amended by adding at the end the following new sub-  
21 section:

22 “(m) In the event the application of any provision of  
23 law results in only one responsible bidder for a contract,  
24 the Secretary of Defense may waive such provision of law

1 (other than subsection (c)) for purposes of expanding com-  
2 petition for the contract.”.

3 **SEC. 812. INCREASED SIMPLIFIED ACQUISITION THRESH-**  
4 **OLD APPLICABLE TO DEPARTMENT OF DE-**  
5 **FENSE PROCUREMENTS.**

6 (a) INCREASED SIMPLIFIED ACQUISITION THRESH-  
7 OLD.—

8 (1) IN GENERAL.—Chapter 137 of title 10,  
9 United States Code, is amended by adding at the  
10 end the following new section:

11 **“§ 2339a. Simplified acquisition threshold**

12 “Notwithstanding section 134 of title 41, the sim-  
13 plified acquisition threshold for the Department of De-  
14 fense for purposes of such section is \$250,000.”.

15 (2) CLERICAL AMENDMENT.—The table of sec-  
16 tions at the beginning of such chapter is amended  
17 by adding at the end the following new item:

“2339a. Simplified acquisition threshold.”.

18 (b) CONFORMING AMENDMENT.—Section 134 of title  
19 41, United States Code, is amended by striking “In divi-  
20 sion B” and inserting “Except as provided in section  
21 2339a of title 10, in division B”.

1 **SEC. 813. INCREASED THRESHOLD FOR COST OR PRICING**  
2 **DATA AND TRUTH IN NEGOTIATIONS RE-**  
3 **QUIREMENTS.**

4 Section 2306a of title 10, United States Code, is  
5 amended by striking “\$500,000” each place it appears  
6 and inserting “\$1,000,000”.

7 **SEC. 814. CONTRACT AUTHORITY FOR ADVANCED DEVEL-**  
8 **OPMENT OF INITIAL OR ADDITIONAL PROTO-**  
9 **TYPE UNITS.**

10 (a) PERMANENT AUTHORITY.—

11 (1) IN GENERAL.—Chapter 137 of title 10,  
12 United States Code, is amended by inserting after  
13 section 2302d the following new section:

14 **“§ 2302e. Contract authority for advanced develop-**  
15 **ment of initial or additional prototype**  
16 **units**

17 “(a) AUTHORITY.—A contract initially awarded from  
18 the competitive selection of a proposal resulting from a  
19 general solicitation referred to in section 2302(2)(B) of  
20 this title may contain a contract line item or contract op-  
21 tion for—

22 “(1) the provision of advanced component de-  
23 velopment, prototype, or initial production of tech-  
24 nology developed under the contract; or

1           “(2) the delivery of initial or additional items if  
2 the item or a prototype thereof is created as the re-  
3 sult of work performed under the contract.

4           “(b) LIMITATIONS.—

5           “(1) MINIMAL AMOUNT.—A contract line item  
6 or contract option described in subsection (a)(2)  
7 shall require the delivery of the minimal amount of  
8 initial or additional items to allow for the timely  
9 competitive solicitation and award of a follow-on de-  
10 velopment or production contract for those items.

11           “(2) TERM.—A contract line item or contract  
12 option described in subsection (a) shall be for a term  
13 of not more than 2 years.

14           “(3) DOLLAR VALUE OF WORK.—The dollar  
15 value of the work to be performed pursuant to a  
16 contract line item or contract option described in  
17 subsection (a) may not exceed the amount of ex-  
18 penditure consistent with a major system, as defined  
19 in section 2302d of this title.

20           “(4) APPLICABILITY.—The authority provided  
21 in subsection (a) applies only to the Secretary of De-  
22 fense, the Secretary of the Army, the Secretary of  
23 the Navy, and the Secretary of the Air Force.”.

24           “(2) CLERICAL AMENDMENT.—The table of sec-  
25 tions at the beginning of such chapter is amended

1 by inserting after the item relating to section 2302d  
2 the following new item:

“2302e. Contract authority for advanced development of initial or additional  
prototype units.”.

3 (b) MODIFICATION OF COMPETITIVE PROCEDURES  
4 DEFINITION.—Section 2302(2)(B) of title 10, United  
5 States Code, is amended by striking “basic research pro-  
6 posals” and inserting “proposals for basic research, ap-  
7 plied research, advanced research, or development  
8 projects”.

9 (c) REPEAL OF OBSOLETE AUTHORITY.—Section  
10 819 of the National Defense Authorization Act for Fiscal  
11 Year 2010 (Public Law 107–314; 10 U.S.C. 2302 note)  
12 is hereby repealed.

13 **SEC. 815. TREATMENT OF INDEPENDENT RESEARCH AND**  
14 **DEVELOPMENT COSTS ON CERTAIN CON-**  
15 **TRACTS.**

16 (a) THRESHOLD FOR ESTABLISHING ADVISORY  
17 PANEL RELATED TO GOAL FOR REIMBURSABLE BID AND  
18 PROPOSAL COSTS.—Section 2372a(d)(1) of title 10,  
19 United States Code, as added by section 824(b)(1) of the  
20 National Defense Authorization Act for Fiscal Year 2017  
21 (Public Law 114–328), is amended by striking “If the De-  
22 partment of Defense exceeds the goal established under  
23 subsection (c) for a fiscal year, within 180 days after ex-  
24 ceeding the goal” and inserting “If the amount of reim-

1 bursable bid and proposal costs paid by the Department  
2 of Defense for a fiscal year exceeds .75 percent of the total  
3 aggregate industry sales to the Department for such fiscal  
4 year, within 180 days of exceeding such threshold”.

5 (b) INDEPENDENT RESEARCH AND DEVELOPMENT  
6 COSTS: ALLOWABLE COSTS.—Section 2372(d) of title 10,  
7 United States Code, as amended by section 824(a)(1) of  
8 the National Defense Authorization Act for Fiscal Year  
9 2017 (Public Law 114–328), is further amended by strik-  
10 ing “subsection (c)(3)(A)” and inserting “subsection  
11 (c)(2)(A)”.

12 **SEC. 816. NON-TRADITIONAL CONTRACTOR DEFINITION.**

13 Section 2302(9) of title 10, United States Code, is  
14 amended by striking “means an entity that is not cur-  
15 rently performing” and inserting “means a specific busi-  
16 ness unit or function with a unique entity identifier that  
17 is not currently performing”.

18 **SEC. 817. REPEAL OF DOMESTIC SOURCE RESTRICTION RE-**

19 **LATED TO WEARABLE ELECTRONICS.**

20 Section 2533a(b)(2) of title 10, United States Code,  
21 is amended by inserting “(excluding wearable electronics)”  
22 after “Hand or measuring tools”.

1 **SEC. 818. USE OF OUTCOME-BASED AND PERFORMANCE-**  
2 **BASED REQUIREMENTS FOR SERVICES CON-**  
3 **TRACTS.**

4 (a) **JUSTIFICATION REQUIREMENT FOR USE OF PER-**  
5 **SONNEL AND LABOR HOUR REQUIREMENTS.**—The De-  
6 partment of Defense may not enter into a contract for  
7 the procurement of services valued in excess of  
8 \$10,000,000 based on specific descriptive personnel and  
9 labor hour requirements unless the program manager and  
10 contracting officer first submit to the Under Secretary of  
11 Defense for Acquisition and Sustainment a written jus-  
12 tification including the reasons for basing the contract on  
13 those requirements instead of outcome- or performance-  
14 based requirements.

15 (b) **COMPTROLLER GENERAL REPORT.**—Not later  
16 than two years after the date of the enactment of this Act,  
17 the Comptroller General of the United States shall submit  
18 to the congressional defense committees a report on jus-  
19 tifications submitted pursuant to subsection (a). The re-  
20 port shall review the adequacy of the justifications and  
21 identify any reoccurring obstacles to the use of outcome-  
22 and performance-based requirements instead of specified  
23 personnel and labor hour requirements for purposes of  
24 awarding services contracts.

25 (c) **SUNSET.**—The requirements under this section  
26 shall terminate at the close of September 30, 2022.

1 **SEC. 819. PILOT PROGRAM FOR LONGER TERM MULTIYEAR**  
2 **SERVICE CONTRACTS.**

3 (a) IN GENERAL.—The Secretary of Defense may use  
4 the authority under subsection (a) of section 2306c of title  
5 10, United States Code, to enter into up to five contracts  
6 for periods of not more than 10 years for services de-  
7 scribed in subsection (b) of such section. Each contract  
8 entered into pursuant to this subsection may be extended  
9 for up to five additional one-year terms.

10 (b) STUDY.—

11 (1) IN GENERAL.—Not later than 90 days after  
12 the date of enactment of this Act, the Secretary of  
13 Defense shall enter into an agreement with an inde-  
14 pendent organization with relevant expertise to study  
15 best practices and lessons learned from using serv-  
16 ices contracts for periods longer than five years by  
17 commercial companies, foreign governments, and  
18 State governments, as well as service contracts for  
19 periods longer than five years used by the Federal  
20 Government, such as Energy Savings Performance  
21 Contracts.

22 (2) REPORT.—Not later than one year after the  
23 date of the enactment of this Act, the Secretary of  
24 Defense shall submit to the congressional defense  
25 committees a report on the study conducted under  
26 paragraph (1).

1           (c) COMPTROLLER GENERAL REPORT.—Not later  
2 than two years after the date of the enactment of this Act,  
3 the Comptroller General of the United States shall submit  
4 to the congressional defense committees a report on the  
5 pilot program carried out under this section.

6 **SEC. 820. IDENTIFICATION OF COMMERCIAL SERVICES.**

7           Section 876 of the National Defense Authorization  
8 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
9 2311) is amended—

10           (1) by striking “Not later than” and inserting  
11           “(a) IN GENERAL.—Not later than”; and

12           (2) by adding at the end the following new sub-  
13 section:

14           “(b) IDENTIFICATION OF INDUSTRY SUBCAT-  
15 EGORIES.—In preparing the guidance required under sub-  
16 section (a), the Secretary shall identify those industry sub-  
17 categories in facilities-related services, knowledge-based  
18 services (except engineering services), construction serv-  
19 ices, medical services, or transportation services in which  
20 there are significant numbers of commercial services pro-  
21 viders able to meet the requirements of the Department  
22 of Defense.”.

1 **SEC. 821. GOVERNMENT ACCOUNTABILITY OFFICE BID**  
 2 **PROTEST REFORMS.**

3 (a) IN GENERAL.—Chapter 137 of title 10, United  
 4 States Code, as amended by section 812, is further amend-  
 5 ed by adding at the end the following new section:

6 **“§ 2340. Government Accountability Office bid pro-**  
 7 **tests**

8 “(a) PAYMENT OF COSTS FOR DENIED PROTESTS.—

9 “(1) IN GENERAL.—A contractor who files a  
 10 protest described under paragraph (2) with the Gov-  
 11 ernment Accountability Office on a contract with the  
 12 Department of Defense shall pay to the Department  
 13 of Defense costs incurred for processing a protest at  
 14 the Government Accountability Office and the De-  
 15 partment of Defense.

16 “(2) COVERED PROTESTS.—A protest described  
 17 under this paragraph is a protest—

18 “(A) all of the elements of which are de-  
 19 nied in an opinion issued by the Government  
 20 Accountability Office; and

21 “(B) filed by a party with revenues in ex-  
 22 cess of \$100,000,000 during the previous year.

23 “(b) WITHHOLDING OF PAYMENTS ABOVE IN-  
 24 CURRED COSTS OF INCUMBENT CONTRACTORS.—

25 “(1) IN GENERAL.—Contractors who file a pro-  
 26 test on a contract on which they are the incumbent

1 contractor shall have all payments above incurred  
2 costs withheld on any bridge contracts or temporary  
3 contract extensions awarded to the contractor as a  
4 result of a delay in award resulting from the filing  
5 of such protest.

6 “(2) DISPOSITION OF WITHHELD PAYMENTS  
7 ABOVE INCURRED COSTS.—

8 “(A) RELEASE TO INCUMBENT CON-  
9 TRACTOR.—All payments above incurred costs  
10 of a protesting incumbent contractor withheld  
11 pursuant to paragraph (1) shall be released to  
12 the protesting incumbent contractor if—

13 “(i) the solicitation that is the subject  
14 of the protest is cancelled and no subse-  
15 quent request for proposal is released or  
16 planned for release; or

17 “(ii) if the Government Accountability  
18 Office issues an opinion that upholds any  
19 of the protest grounds filed under the pro-  
20 test.

21 “(B) RELEASE TO AWARDEE.—Except for  
22 the exceptions set forth in subparagraph (A),  
23 all payments above incurred costs of a pro-  
24 testing incumbent contractor withheld pursuant  
25 to paragraph (1) shall be released to the con-

1 tractor that was awarded the protested contract  
2 prior to the protest.

3 “(C) RELEASE TO DEPARTMENT OF DE-  
4 FENSE IN EVENT OF NO CONTRACT AWARD.—  
5 Except for the exceptions set forth in subpara-  
6 graph (A), if a protested contract for which  
7 payments above incurred costs are withheld  
8 under paragraph (1) is not awarded to a con-  
9 tractor, the withheld payments shall be released  
10 to the Department of Defense and deposited  
11 into an account that can be used by the Depart-  
12 ment to offset costs associated with Govern-  
13 ment Accountability Office bid protests.”.

14 (b) CLERICAL AMENDMENT.—The table of sections  
15 for such chapter, as amended by section 812(a)(2) of this  
16 Act, is further amended by inserting after the item relat-  
17 ing to section 2339a the following new item:

“2340. Government Accountability Office bid protests.”.

18 **SEC. 822. ENHANCED POST-AWARD DEBRIEFING RIGHTS.**

19 (a) RELEASE OF CONTRACT AWARD INFORMA-  
20 TION.—Not later than 120 days after the date of the en-  
21 actment of this Act, the Secretary of Defense shall revise  
22 the Department of Defense Supplement to the Federal Ac-  
23 quisition Regulation to require that all required post-  
24 award debriefings must provide detailed and comprehen-  
25 sive statements of the agency’s rating for each evaluation

1 criteria and of the agency's overall award decision. With  
2 regard to protecting the confidential and proprietary infor-  
3 mation of other offerors, the revision shall encourage the  
4 release to the company of all information that otherwise  
5 would be releaseable in the course of a bid protest chal-  
6 lenge to an award. At a minimum, the revisions shall in-  
7 clude—

8           (1) a requirement for disclosure of the agency's  
9 written source selection award determination, re-  
10 dacted if necessary to protect other offerors' con-  
11 fidential and proprietary information;

12           (2) a requirement for a combined written and  
13 oral debriefing for all contract awards and task or  
14 delivery orders valued at \$10,000,000 or higher;

15           (3) a requirement for an option, at an offerors'  
16 election, for access to an unredacted copy of the  
17 source selection award determination and the sup-  
18 porting agency record for outside counsel or other  
19 appropriate outside representative for all contract  
20 awards and task or delivery orders valued at  
21 \$10,000,000 or higher;

22           (4) provisions ensuring that both losing and  
23 winning offerors are entitled to the applicable en-  
24 hanced post-award debriefing rights; and

1           (5) robust procedures, consistent with section  
2           2305(b)(5)(C) of title 10, United States Code, and  
3           section 15.506(e) of the Federal Acquisition Regula-  
4           tion, to protect the confidential and proprietary in-  
5           formation of other offerors.

6           (b) OPPORTUNITY FOR FOLLOW-UP QUESTIONS.—  
7           Section 2305(b)(5) of title 10, United States Code, is  
8           amended—

9           (1) by redesignating subparagraphs (C), (D),  
10          and (E) as subparagraphs (D), (E), and (F), respec-  
11          tively;

12          (2) in subparagraph (B)—

13                (A) in clause (v), by striking “; and” and  
14                inserting a semicolon;

15                (B) in clause (vi), by striking the period at  
16                the end and inserting “; and”; and

17                (C) by adding at the end the following new  
18                clause:

19                        “(vii) an opportunity for a disappointed of-  
20                        feror to submit within two business days of re-  
21                        ceiving a post-award debriefing additional, fol-  
22                        low-up questions related to the debriefing.”;  
23                        and

24                (3) by inserting after subparagraph (B) the fol-  
25                lowing new subparagraph:

1           “(C) The agency shall respond in writing to ad-  
2           ditional, follow-up questions submitted under sub-  
3           paragraph (B) within five business days. The de-  
4           briefing will not be considered concluded until the  
5           agency delivers its written responses to the dis-  
6           appointed offeror.”.

7           (c) COMMENCEMENT OF POST-BRIEFING PERIOD.—  
8           Section 3553(d)(4) of title 31, United States Code, is  
9           amended—

10           (1) by redesignating subparagraphs (A) and  
11           (B) as clauses (i) and (ii) respectively;

12           (2) by striking “The period” and inserting “(A)  
13           The period”; and

14           (3) by adding at the end the following new sub-  
15           paragraph:

16           “(B) For procurements conducted by any com-  
17           ponent of the Department of Defense, the five-day  
18           post-debriefing period does not commence until the  
19           day the Government delivers to a disappointed offer-  
20           or the written responses to any questions submitted  
21           pursuant to section 2305(5)(B)(vii) of title 10.”.

22           (d) DECISIONS ON PROTESTS.—Section 3554(a)(1)  
23           of title 31, United States Code, is amended by striking  
24           the period at the end and inserting the following: “for all  
25           protests arising from agencies outside the Department of

1 Defense and within 65 days after the date the protest is  
2 submitted to the Comptroller General for all protests aris-  
3 ing from the Department of Defense and its subordinate  
4 agencies. In protests arising from the Department of De-  
5 fense and its subordinate agencies which present unusu-  
6 ally complex issues or large agency records, the Comp-  
7 troller General may extend the time for decision but in  
8 no event later than 100 days after the protest is sub-  
9 mitted.”.

10 **SEC. 823. LIMITATION ON UNILATERAL DEFINITIZATION.**

11 (a) LIMITATION.—Section 2326 of title 10, United  
12 States Code, is amended —

13 (1) by redesignating subsections (c), (d), (e),  
14 (f), (g), (h), and (i) as subsections (d), (e), (f), (g),  
15 (h), (i), and (j) respectively; and

16 (2) by inserting after subsection (b) the fol-  
17 lowing new subsection:

18 “(c) LIMITATION ON UNILATERAL DEFINITIZATION  
19 BY THE CONTRACTING OFFICER.—The following limita-  
20 tion applies to all undefinitized contractual actions with  
21 a not to exceed value of \$50,000,000 or greater:

22 “(1) If agreement is not reached on contractual  
23 terms, specifications, and price by a date certain, as  
24 required under subsection (b)(1), the contracting of-  
25 ficer may not unilaterally definitize those terms,

1 specifications and price over the objection of the con-  
2 tractor until—

3 “(A) the head of the agency approves the  
4 definitization in writing;

5 “(B) the contracting officer provides the  
6 written approval to the contractor; and

7 “(C) the head of the agency notifies the  
8 congressional defense committees of the ap-  
9 proval.

10 “(2) The contract modification unilaterally de-  
11 finitizing the action shall not take effect until 60  
12 calendar days after the congressional defense com-  
13 mittees have been notified under subparagraph (C)  
14 of such paragraph.”.

15 (b) CONFORMING REGULATIONS.—Not later than  
16 120 days after the date of the enactment of this Act, the  
17 Secretary of Defense shall revise the Department of De-  
18 fense Supplement to the Federal Acquisition Regulations  
19 to conform with the amendments made by subsection (a).

1 **SEC. 824. RESTRICTION ON USE OF REVERSE AUCTIONS**  
2 **AND LOWEST PRICE TECHNICALLY ACCEPT-**  
3 **ABLE CONTRACTING METHODS FOR SAFETY**  
4 **EQUIPMENT.**

5 (a) IN GENERAL.—Section 814 of the National De-  
6 fense Authorization Act for Fiscal Year 2017 (Public Law  
7 114–328) is amended—

8 (1) in the section heading, by inserting “**AND**  
9 **SAFETY EQUIPMENT**” after “**PERSONAL PRO-**  
10 **TECTIVE EQUIPMENT**”; and

11 (2) by inserting “and safety equipment” after  
12 “personal protective equipment”.

13 (b) CONFORMING AMENDMENTS.—The tables of sec-  
14 tions in section 2(b) of such Act and at the beginning of  
15 title VIII of such Act are amended in the item relating  
16 to section 814 by inserting “and safety equipment” after  
17 “personal protective equipment”.

18 **SEC. 825. USE OF LOWEST PRICE TECHNICALLY ACCEPT-**  
19 **ABLE SOURCE SELECTION PROCESS.**

20 (a) ADDITIONAL REQUIREMENTS.—Subsection (b) of  
21 section 813 of the National Defense Authorization Act for  
22 Fiscal Year 2017 (Public Law 114–328) is amended—

23 (1) in paragraph (5), by striking “; and” and  
24 inserting a semicolon;

25 (2) in paragraph (6), by striking the period at  
26 the end and inserting a semicolon; and

1           (3) by adding at the end the following new  
2 paragraphs:

3           “(7) the Department of Defense would not real-  
4 ize any additional innovation or future technological  
5 advantage by using a different methodology; and

6           “(8) the items procured are predominantly ex-  
7 pendable in nature, non-technical, or a short life ex-  
8 pectancy or short shelf life.”.

9           (b) **REPORTING REQUIREMENT.**—Subsection (d) of  
10 such section is amended by striking “contract exceeding  
11 \$10,000,000” and inserting “contract exceeding  
12 \$5,000,000”.

13 **SEC. 826. MIDDLE TIER OF ACQUISITION FOR RAPID PRO-**  
14 **TOTYPE AND RAPID FIELDING.**

15           (a) **ELIMINATION OF COST-SHARING REQUIRE-**  
16 **MENT.**—Section 804(c)(2) of the National Defense Au-  
17 thorization Act for Fiscal Year 2016 (Public Law 114–  
18 92; 10 U.S.C. 2302 note) is amended—

19           (1) by striking subparagraph (C); and

20           (2) by redesignating subparagraphs (D) and  
21 (E) as subparagraphs (C) and (D), respectively.

22           (b) **USE OF SIMPLIFIED PROCEDURES.**—Not later  
23 than 180 days after the date of the enactment of this Act,  
24 the Defense Acquisition Regulation Supplement shall be  
25 amended to provide for special simplified procedures for

1 purchases of property and services under the rapid proto-  
2 typing and rapid fielding programs established under sec-  
3 tion 804 of the National Defense Authorization Act for  
4 Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2302  
5 note).

6 **SEC. 827. ELIMINATION OF COST UNDERRUNS AS FACTOR**  
7 **IN CALCULATION OF PENALTIES FOR COST**  
8 **OVERRUNS.**

9 (a) IN GENERAL.—Section 828 of the National De-  
10 fense Authorization Act for Fiscal Year 2016 (Public Law  
11 114–92; 10 U.S.C. 2430 note) is amended—

12 (1) in subsection (a), by striking “fiscal year  
13 2015” and inserting “fiscal years 2018, 2019, 2020,  
14 2021, and 2022”;

15 (2) in subsection (b)—

16 (A) in paragraph (1), by striking “or  
17 underrun”;

18 (B) in paragraph (2), by striking “or  
19 underruns”;

20 (C) in paragraph (3)—

21 (i) by striking “and cost underruns”;

22 and

23 (ii) by striking “or underruns”; and

1 (D) in paragraph (4), by striking “, except  
2 that the cost overrun penalty may not be a neg-  
3 ative amount”; and

4 (3) in subsection (c), by striking “each fiscal  
5 year beginning with fiscal year 2015” and inserting  
6 “fiscal years 2018, 2019, 2020, 2021, and 2022”.

7 (b) **PRIOR FISCAL YEARS.**—The requirements of sec-  
8 tion 828 of the National Defense Authorization Act for  
9 Fiscal Year 2016 (Public Law 114–92; 10 U.S.C. 2430  
10 note), as in effect on the day before the date of the enact-  
11 ment of this Act, shall continue to apply with respect to  
12 fiscal years beginning on or before October 1, 2016.

13 **SEC. 828. CONTRACT CLOSEOUT AUTHORITY.**

14 Section 836(b)(1) of the National Defense Authoriza-  
15 tion Act for Fiscal Year 2017 (Public Law 114–328; 130  
16 Stat. 2286) is amended by striking “entered into prior to  
17 fiscal year 2000” and inserting “entered into at least 17  
18 years before the current fiscal year”.

19 **SEC. 829. SERVICE CONTRACTS OF THE DEPARTMENT OF**  
20 **DEFENSE.**

21 (a) **INCLUSION OF CERTAIN INFORMATION IN FU-**  
22 **TURE-YEARS DEFENSE PROGRAM.**—Each future-years de-  
23 fense program submitted to Congress pursuant to section  
24 221of title 10, United States Code, for a fiscal year after  
25 fiscal year 2018 shall include an estimate of the cost and

1 number of service contracts of the Department of Defense  
2 for each fiscal year covered by the future-years defense  
3 program. The estimate shall be set forth for the Depart-  
4 ment of Defense as a whole and separately for each de-  
5 partment, agency, organization, and element of the De-  
6 partment anticipated to use service contracts during the  
7 fiscal years covered by the future-years defense program  
8 concerned.

9 (b) REQUIREMENT FOR CERTIFICATION AND BRIEF-  
10 ING.—No study or competition regarding a public-private  
11 competition for the conversion to performance by a con-  
12 tractor for any function performed by Department of De-  
13 fense civilian employees may be begun or announced pur-  
14 suant to section 2461 of title 10, United States Code, or  
15 otherwise pursuant to Office of Management and Budget  
16 Circular A-76, until such time as—

17 (1) the future-years defense program submitted  
18 to Congress includes the information described in  
19 subsection (a); or

20 (2) the Secretary of Defense certifies that the  
21 Department has a plan to provide such information  
22 by the next fiscal year.

1 **SEC. 830. DEPARTMENT OF DEFENSE CONTRACTOR WORK-**  
2 **PLACE SAFETY AND ACCOUNTABILITY.**

3 (a) IDENTIFICATION OF KNOWN WORKPLACE SAFE-  
4 TY AND HEALTH VIOLATIONS.—

5 (1) IN GENERAL.—A contracting officer, prior  
6 to awarding or renewing a covered contract, shall, as  
7 part of the responsibility determination, consider any  
8 identified violations of the Occupational Safety and  
9 Health Act of 1970 (29 U.S.C. 651 et seq.) or  
10 equivalent State laws by the offeror, and by any cov-  
11 ered subcontractors.

12 (2) RESPONSIBILITY DETERMINATION.—The  
13 contracting officer shall consider violations described  
14 in paragraph (1) in determining whether the offeror  
15 is a responsible source with a satisfactory record of  
16 performance that meets mission and ethical stand-  
17 ards.

18 (3) REFERRAL OF INFORMATION TO SUSPEN-  
19 SION AND DEBARMENT OFFICIALS.—As appropriate,  
20 a contracting officer shall refer matters related to  
21 violations described in paragraph (1) to the Depart-  
22 ment of Defense's suspension and debarment official  
23 in accordance with Department procedures.

24 (b) CONTRACTOR RIGHTS.—The Secretary of De-  
25 fense shall establish policies and practices—

1           (1) ensuring that when making responsibility  
2           determinations, contracting officers request that  
3           contractors provide any and all information the con-  
4           tractors deem necessary to demonstrate responsi-  
5           bility prior to final determinations;

6           (2) establishing mechanisms for contractors to  
7           have an expedited process to review any information  
8           used to support determinations of non-responsibility;  
9           and

10          (3) establishing mechanisms for contractors to  
11          have an expedited process to appeal determinations  
12          of non-responsibility.

13          (c) PROTEST RIGHTS.—The Secretary of Defense  
14          shall protect the rights of contractors to protest bids and  
15          appeal actions taken pursuant to this section.

16          (d) TRAINING AND GUIDANCE.—The Secretary of  
17          Defense shall develop and provide clear training and guid-  
18          ance to acquisition officials, contracting officers, and cur-  
19          rent and potential contractors regarding implementation  
20          policies and practices for this section.

21          (e) COMPTROLLER GENERAL REPORT.—

22                 (1) IN GENERAL.—Not later than 180 days  
23                 after the date of the enactment of this Act, the  
24                 Comptroller General of the United States shall sub-  
25                 mit to the Department of Defense and the congress-

1 sional defense committees a report on the health and  
2 safety records of Department of Defense contrac-  
3 tors.

4 (2) ELEMENTS.—The report required under  
5 paragraph (1) shall include the following elements:

6 (A) A description of the Department of  
7 Defense’s existing procedures to evaluate the  
8 safety and health records of current and pro-  
9 spective contractors.

10 (B) An evaluation of the Department’s ad-  
11 herence to those procedures.

12 (C) An assessment of the current incidence  
13 of health and safety violations by Department  
14 contractors.

15 (D) An assessment of whether the Depart-  
16 ment of Labor has the resources to investigate  
17 and identify safety and health violations by De-  
18 partment of Defense contractors.

19 (E) An assessment of whether the Depart-  
20 ment of Labor should consider assuming an ex-  
21 panded investigatory role or a targeted enforce-  
22 ment program for ensuring the safety and  
23 health of workers under Department of Defense  
24 contracts.

25 (f) DEFINITIONS.—In this section:

1           (1) COVERED CONTRACT.—The term “covered  
2 contract” means a Department of Defense contract  
3 for the procurement of property or services, includ-  
4 ing construction, valued in excess of \$1,000,000.

5           (2) COVERED SUBCONTRACTOR.—The term  
6 “covered subcontractor” means a subcontractor list-  
7 ed in the bid for a covered contract or known by the  
8 Department of Defense to be a subcontractor of the  
9 offeror.

10 **SEC. 831. DEPARTMENT OF DEFENSE PROMOTION OF CON-**  
11 **TRACTOR COMPLIANCE WITH EXISTING LAW.**

12 It is the sense of Congress that—

13           (1) the Department of Defense should aim to  
14 ensure that parties contracting with the Federal  
15 Government abide by existing law, including worker  
16 protection laws;

17           (2) worker protection laws, including chapter  
18 43 of title 38, United States Code (commonly known  
19 as the “Uniformed Services Employment and Reem-  
20 ployment Rights Act of 1994” or “USERRA”) and  
21 the Americans with Disabilities Act of 1990 (42  
22 U.S.C. 12101 et seq.), were enacted to ensure equi-  
23 table workplace practices;

24           (3) identifying and helping to improve the com-  
25 pliance of contractors with worker protection viola-

1 tions will help avoid setbacks and delays stemming  
2 from contracting with noncompliant contractors; and

3 (4) the Secretary of Defense has the authority  
4 to ensure contractors' compliance with existing laws  
5 and should establish a goal to work with responsible  
6 contractors who are in compliance with worker pro-  
7 tection laws.

8 **Subtitle C—Provisions Relating to**  
9 **Major Defense Acquisition Pro-**  
10 **grams**

11 **SEC. 835. REVISIONS TO DEFINITION OF MAJOR DEFENSE**  
12 **ACQUISITION PROGRAM.**

13 Section 2430(a) of title 10, United States Code, is  
14 amended—

15 (1) in paragraph (1)(B), by inserting “in the  
16 case of a program that is not a program for the ac-  
17 quisition of an automated information system (either  
18 a product or a service),” after “(B)”; and

19 (2) in paragraph (2)—

20 (A) by striking “does not include an acqui-  
21 sition program” and inserting the following:

22 “does not include—

23 “(A) an acquisition program”; and

24 (B) by striking the period at the end and  
25 inserting the following: “; or

1           “(B) an acquisition program for a defense busi-  
2           ness system (as defined in section 2222(i)(1) of this  
3           title) carried out using the acquisition guidance  
4           issued pursuant to section 883(e) of the National  
5           Defense Authorization Act for Fiscal Year 2016  
6           (Public Law 114–92; 10 U.S.C. 2223a note).”.

7 **SEC. 836. PROHIBITION ON USE OF LOWEST PRICE TECH-**  
8                   **NICALLY ACCEPTABLE SOURCE SELECTION**  
9                   **PROCESS FOR MAJOR DEFENSE ACQUISITION**  
10                  **PROGRAMS.**

11           (a) PROHIBITION.—

12                   (1) IN GENERAL.—Chapter 144 of title 10,  
13           United States Code, is amended by inserting after  
14           section 2441 the following new section:

15 **“§ 2442. Prohibition on use of lowest price technically**  
16                   **acceptable source selection process**

17           “(a) IN GENERAL.—The Department of Defense  
18           shall not use a lowest price technically acceptable source  
19           selection process for the development contract of a major  
20           defense acquisition program.

21           “(b) NOTIFICATION.—(1) The Secretary of Defense  
22           shall submit to the congressional defense committees a no-  
23           tification of the source selection process that the Depart-  
24           ment of Defense plans to use for the development contract  
25           of a major defense acquisition program.

1       “(2) The notification required under paragraph (1)  
2 shall be submitted at the same time that the President  
3 submits under section 1105 of title 31 the budget in which  
4 budget authority is requested for the development contract  
5 of a major defense acquisition program. If the Department  
6 of Defense has not yet determined the source selection  
7 process for the development contract at the time that  
8 budget authority for the development contract is re-  
9 quested, the Department of Defense shall submit the noti-  
10 fication not later than 30 days before release of the re-  
11 quest for proposals for the development contract.

12       “(c) DEFINITIONS.—In this section:

13               “(1) LOWEST PRICE TECHNICALLY ACCEPT-  
14 ABLE SOURCE SELECTION PROCESS.—The term ‘low-  
15 est price technically acceptable source selection proc-  
16 ess’ has the meaning given that term in part 15 of  
17 the Federal Acquisition Regulation.

18               “(2) MAJOR DEFENSE ACQUISITION PRO-  
19 GRAM.—The term ‘major defense acquisition pro-  
20 gram’ has the meaning given that term in section  
21 2430 of this title.

22               “(3) DEVELOPMENT CONTRACT.—The term ‘de-  
23 velopment contract’ means a prime contract for the  
24 development of a major defense acquisition pro-  
25 gram.”.

1           (2) CLERICAL AMENDMENT.—The table of sec-  
 2           tions at the beginning of such chapter is amended  
 3           by inserting after the item relating to section 2441  
 4           the following new item:

“2442. Prohibition on use of lowest price technically acceptable source selection  
 process.”.

5           (b) APPLICABILITY.—The requirements of section  
 6           2442 of title 10, United States Code, as added by sub-  
 7           section (a), shall apply to major defense acquisition pro-  
 8           grams for which budgetary authority is requested for fiscal  
 9           year 2019 or a subsequent fiscal year.

## 10       **Subtitle D—Provisions Related to** 11           **Acquisition Workforce**

### 12       **SEC. 841. TRAINING IN COMMERCIAL ITEMS PROCURE-** 13           **MENT.**

14           (a) TRAINING.—Not later than one year after the  
 15           date of the enactment of this Act, the President of the  
 16           Defense Acquisition University shall establish a com-  
 17           prehensive training program on part 12 of the Federal Ac-  
 18           quisition Regulation. The training shall cover, at a min-  
 19           imum, the following topics:

20           (1) The origin of part 12 and the congressional  
 21           mandate to prefer commercial procurements.

22           (2) The definition of a commercial item, with a  
 23           particular focus on the “of a type” concept.

24           (3) Price analysis and negotiations.

1 (4) Market research and analysis.

2 (5) Independent cost estimates.

3 (6) Parametric estimating methods.

4 (7) Value analysis.

5 (8) Best practices in pricing from commercial  
6 sector organizations, foreign government organiza-  
7 tions, and other Federal, state, and local public sec-  
8 tors organizations.

9 (9) Other topics on commercial procurements  
10 necessary to ensure a well-educated acquisition  
11 workforce.

12 (b) ENROLLMENTS GOALS.—The President of the  
13 Defense Acquisition University shall set goals for student  
14 enrollment for the comprehensive training program estab-  
15 lished under subsection (a).

16 (c) SUPPORTING ACTIVITIES.—The Secretary of De-  
17 fense shall establish, in support of the achievement of the  
18 goals of this section—

19 (1) a university research program to engage  
20 academic experts on research topics of interest to  
21 improve commercial item identification and pricing  
22 methodologies; and

23 (2) a set of exchange and interface opportuni-  
24 ties between government personnel experts to in-

1       crease awareness of best practices and challenges in  
2       commercial item identification and pricing.

3       (d) FUNDING.—The Secretary of Defense shall use  
4       amounts available in the Department of Defense Acquisi-  
5       tion Workforce Development Fund established under sec-  
6       tion 1705 of title 10, United States Code, to fund the com-  
7       prehensive training program established under subsection  
8       (a).

9       **SEC. 842. MODIFICATION OF DEFINITION OF ACQUISITION**  
10                   **WORKFORCE TO INCLUDE PERSONNEL EN-**  
11                   **GAGED IN THE ACQUISITION OR DEVELOP-**  
12                   **MENT OF CYBERSECURITY SYSTEMS.**

13       Section 1705(h)(2)(A) of title 10, United States  
14       Code, is amended—

15               (1) by inserting “(i)” after “(A)”;

16               (2) by striking “; and” and inserting “; or”;

17       and

18               (3) by adding at the end the following new  
19       clause:

20                   “(ii) are engaged in the acquisition or de-  
21       velopment of systems relating to cybersecurity;  
22       and”.

1 **SEC. 843. TRAINING AND SUPPORT FOR PROGRAMS PUR-**  
2 **SUING AGILE ACQUISITION METHODS.**

3 (a) IN GENERAL.—Not later than 120 days after the  
4 date of the enactment of this Act, the Secretary of De-  
5 fense, in consultation with the President of the Defense  
6 Acquisition University, shall establish an in-resident tar-  
7 geted training course at the Defense Acquisition Univer-  
8 sity on Agile Acquisition.

9 (b) COURSE COMPONENTS.—The course shall include  
10 the following elements:

11 (1) Training designed to instill a common un-  
12 derstanding of all functional roles and dependencies  
13 involved in developing and producing a capability  
14 using Agile processes.

15 (2) An exercise involving teams composed of  
16 personnel from pertinent functions and functional  
17 organizations engaged in developing an integrated  
18 Agile Acquisition approach for a specific program.

19 (c) COURSE ATTENDANCE.—The course shall be—

20 (1) available for certified acquisition personnel  
21 from all program offices using Agile Acquisition  
22 methods; and

23 (2) mandatory for personnel from other rel-  
24 evant organizations in each of the military services  
25 and Defense Agencies, including organizations re-  
26 sponsible for engineering, budgeting, contracting,

1 test and evaluation, requirements validation, and  
2 certification and accreditation, that support those  
3 program offices.

4 (d) AGILE ACQUISITION COACH.—

5 (1) IN GENERAL.—The Secretary and the sen-  
6 ior acquisition executives in each of the military  
7 services and Defense Agencies, in coordination with  
8 the Director of the Defense Digital Service, shall en-  
9 sure that program offices pursuing Agile Acquisition  
10 methods have access to an Agile Acquisition coach.

11 (2) EXPERTISE.—The Agile Acquisition coach  
12 shall possess expertise in—

13 (A) commercial Agile Acquisition methods;

14 and

15 (B) the acquisition system and processes of  
16 the Department of Defense.

17 (3) DUTIES.—The Agile Acquisition coach  
18 shall—

19 (A) assist program offices, supporting  
20 stakeholder organizations, and personnel in  
21 properly applying Agile Acquisition methods;

22 and

23 (B) notify the appropriate acquisition au-  
24 thorities if programs are deviating from best  
25 practices or are not receiving appropriate sup-

1 port from stakeholder organizations, in a man-  
2 ner or to a degree that threatens the success of  
3 the program.

4 (e) AGILE ACQUISITION RESEARCH PROGRAM.—The  
5 President of the Defense Acquisition University shall es-  
6 tablish a research program to conduct research on and de-  
7 velopment of Agile Acquisition practices and tools best tai-  
8 lored to meet the mission needs of the Department of De-  
9 fense.

10 (f) DEFINITIONS.—In this section the term “Agile  
11 Acquisition”—

12 (1) means acquisition pursuant to a method-  
13 ology for delivering multiple, rapid, incremental ca-  
14 pabilities to the user for operational use, evaluation,  
15 and feedback; and

16 (2) involves—

17 (A) the incremental development and field-  
18 ing of capabilities, commonly called “spirals”,  
19 “spins”, or “sprints”, which can be measured  
20 in a few weeks or months; and

21 (B) continuous participation and collabora-  
22 tion by users, testers, and requirements au-  
23 thorities.

1 **SEC. 844. CREDITS TO DEPARTMENT OF DEFENSE ACQUISITION WORKFORCE DEVELOPMENT FUND.**  
2

3 Section 1705(d)(2)(D) of title 10, United States  
4 Code, is amended to read as follows:

5 “(D) The Secretary of Defense may adjust the  
6 amount specified in subparagraph (C) for a fiscal  
7 year if the Secretary determines that the amount is  
8 greater or less than reasonably needed for purposes  
9 of the Fund for such fiscal year. The Secretary may  
10 not adjust the amount for a fiscal year to an amount  
11 that is more than \$600,000,000 or less than  
12 \$400,000,000.”.

13 **Subtitle E—Provisions Related to**  
14 **Commercial Items**

15 **SEC. 851. MODIFICATION TO DEFINITION OF COMMERCIAL**  
16 **ITEMS.**

17 Section 2376 of title 10, United States Code, is  
18 amended—

19 (1) in paragraph (1), by striking “‘commercial  
20 item’,”; and

21 (2) by adding at the end the following new  
22 paragraph:

23 “(4) The term ‘commercial item’ has the mean-  
24 ing given the term in section 103 of title 41, except  
25 that it does not include an item referred to in para-  
26 graph (3)(B) of such section if, after the minor

1 modifications made to meet Federal Government re-  
2 quirements referred to in such paragraph, the item  
3 includes a preponderance of government-unique  
4 functions or essential characteristics.”.

5 **SEC. 852. REVISION TO DEFINITION OF COMMERCIAL ITEM.**

6 Section 103(8) of title 41, United States Code, is  
7 amended by striking “to multiple State and local govern-  
8 ments” and inserting “to multiple State, local, or foreign  
9 governments”.

10 **SEC. 853. COMMERCIAL ITEM DETERMINATIONS.**

11 Section 2380 of title 10, United States Code, is  
12 amended—

13 (1) by striking “The Secretary” and inserting  
14 “(a) IN GENERAL.—The Secretary”; and

15 (2) by adding at the end the following new sub-  
16 section:

17 “(b) ITEMS PREVIOUSLY ACQUIRED USING COMMER-  
18 CIAL ITEM ACQUISITION PROCEDURES.—

19 “(1) DETERMINATIONS.—A contract or sub-  
20 contract for an item using commercial item acquisi-  
21 tion procedures under part 12 of the Federal Acqui-  
22 sition Regulation shall serve as a prior commercial  
23 item determination with respect to such item for  
24 purposes of this chapter unless the Secretary of De-  
25 fense determines in writing that it is no longer cost-

1 effective to procure the item using commercial item  
2 acquisition procedures.

3 “(2) LIMITATION.—(A) Except as provided  
4 under subparagraph (B), funds appropriated or oth-  
5 erwise made available to the Department of Defense  
6 may not be used for the procurement under part 15  
7 of the Federal Acquisition Regulation of an item  
8 that was previously acquired using commercial item  
9 acquisition procedures under part 12 of the Federal  
10 Acquisition Regulation.

11 “(B) The limitation under subparagraph (A)  
12 does not apply to the procurement of an item that  
13 was previously acquired using commercial item ac-  
14 quisition procedures under part 12 of the Federal  
15 Acquisition Regulation following—

16 “(i) a written determination by the head of  
17 contracting activity pursuant to section  
18 2306a(b)(4)(B) of this title that the use of such  
19 procedures was improper; or

20 “(ii) a written determination by the Sec-  
21 retary of Defense that it is no longer cost-effec-  
22 tive to procure the item using such proce-  
23 dures.”.

1 **SEC. 854. PREFERENCE FOR ACQUISITION OF COMMERCIAL**  
2 **ITEMS.**

3 Section 2377(b) of title 10, United States Code, is  
4 amended—

5 (1) by redesignating paragraphs (1) through  
6 (6) as subparagraphs (A) through (F), respectively,  
7 and moving such subparagraphs, as so redesignated,  
8 two ems to the right;

9 (2) by striking “The head” and inserting “(1)  
10 The head”; and

11 (3) by adding at the end the following new  
12 paragraph:

13 “(2) The preference for the acquisition of commercial  
14 items and nondevelopmental items under this section shall  
15 take priority over any small business set-aside program,  
16 and shall require, to the maximum extent practicable, the  
17 acquisition of commercial items or nondevelopmental items  
18 other than commercial items in accordance with the terms  
19 of this section. If the requirements of an agency with re-  
20 spect to a procurement of supplies or services can be met  
21 with commercial items or nondevelopmental items other  
22 than commercial items provided by a small business con-  
23 cern, the small business concern may be awarded the con-  
24 tract in accordance with the requirements of a set-aside  
25 program.”.

1 **SEC. 855. INAPPLICABLE LAWS AND REGULATIONS.**

2 (a) REVIEW OF DETERMINATIONS NOT TO EXEMPT  
3 DEPARTMENT OF DEFENSE CONTRACTS FOR COMMER-  
4 CIAL ITEMS AND COMMERCIALY AVAILABLE OFF-THE-  
5 SHELF ITEMS FROM CERTAIN LAWS AND REGULA-  
6 TIONS.—Not later than 180 days after the date of the en-  
7 actment of this Act, the Secretary of Defense shall—

8 (1) review each determination of the Federal  
9 Acquisition Regulatory Council pursuant to section  
10 1906(b)(2), section 1906(c)(3), or section  
11 1907(a)(2) of title 41, United States Code, not to  
12 exempt contracts and subcontracts described in sub-  
13 section (a) of section 2375 of title 10, United States  
14 Code, from laws such contracts and subcontracts  
15 would otherwise be exempt from under section  
16 1906(d) of title 41, United States Code; and

17 (2) revise the Department of Defense Supple-  
18 ment to the Federal Acquisition Regulation to pro-  
19 vide an exemption from each law subject to such de-  
20 termination unless the Secretary determines there is  
21 a specific reason not to provide the exemption.

22 (b) ELIMINATION OF CERTAIN CONTRACT CLAUSE  
23 REQUIREMENTS APPLICABLE TO COMMERCIAL ITEM  
24 CONTRACTS.—Not later than 180 days after the date of  
25 the enactment of this Act, the Secretary of Defense shall  
26 revise the Department of Defense Supplement to the Fed-

1 eral Acquisition Regulation to eliminate all regulations  
2 promulgated after the date of the enactment of the Fed-  
3 eral Acquisition Streamlining Act of 1994 (Public Law  
4 103–355) that require a specific contract clause for a con-  
5 tract using commercial item acquisition procedures under  
6 part 12 of the Federal Acquisition Regulation, except for  
7 regulations required by law or that the Secretary deter-  
8 mines are vital to national security.

9       (c) ELIMINATION OF CERTAIN CONTRACT CLAUSE  
10 REQUIREMENTS APPLICABLE TO COMMERCIALY AVAIL-  
11 ABLE OFF-THE-SHELF ITEM SUBCONTRACTS.—Not later  
12 than 180 days after the date of the enactment of this Act,  
13 the Secretary of Defense shall revise the Department of  
14 Defense Supplement to the Federal Acquisition Regula-  
15 tion to eliminate all requirements for a prime contractor  
16 to include a specific contract clause in a subcontract for  
17 commercially available off-the-shelf items unless the inclu-  
18 sion of such clause is required by law or is necessary for  
19 the contractor to meet the requirements of the prime con-  
20 tract.

## 1 **Subtitle F—Industrial Base Matters**

### 2 **SEC. 861. REVIEW REGARDING APPLICABILITY OF FOREIGN** 3 **OWNERSHIP, CONTROL, OR INFLUENCE RE-** 4 **QUIREMENTS OF NATIONAL SECURITY IN-** 5 **DUSTRIAL PROGRAM TO NATIONAL TECH-** 6 **NOLOGY AND INDUSTRIAL BASE COMPANIES.**

7 (a) REVIEW.—The Secretary of Defense, with the  
8 concurrence of the Secretary of State, shall review whether  
9 companies whose ownership or majority control is based  
10 in countries that are part of the national technology and  
11 industrial base should be exempted from the foreign own-  
12 ership, control, or influence (FOCI) requirements of the  
13 National Security Industrial Program.

14 (b) AUTHORITY.—

15 (1) IN GENERAL.—The Secretary of Defense  
16 may establish a program to carry out the exemption  
17 process described under subsection (a). Under the  
18 program, the Secretary, with the concurrence of the  
19 Secretary of State, shall maintain a list of compa-  
20 nies owned or controlled by countries that are part  
21 of the national technology and industrial base that  
22 are eligible for exemption from the requirements de-  
23 scribed under such subsection.

24 (2) DETERMINATIONS OF ELIGIBILITY.—The  
25 Secretary of Defense, with the concurrence of the

1 Secretary of State, may designate a company under  
2 paragraph (1) as exempt from the requirements de-  
3 scribed under subsection (a) upon a determination  
4 that such exemption—

5 (A) is beneficial to improving collaboration  
6 within countries participating in the national  
7 technology and industrial base;

8 (B) is in the United States national secu-  
9 rity interest; and

10 (C) will not result in a greater risk of the  
11 disclosure of classified or sensitive information  
12 consistent with the National Security Industrial  
13 Program.

14 (3) EXERCISE OF AUTHORITY.—The authority  
15 under paragraph (1) to exempt a listed company  
16 from the requirements described under subsection  
17 (a) may be exercised beginning on the date that is  
18 the later of—

19 (A) the date that is 60 days after the Sec-  
20 retary of Defense, in consultation with the Sec-  
21 retary of State, submits to the congressional de-  
22 fense committees a report summarizing the re-  
23 view conducted under such subsection; and

24 (B) the date that is 30 days after the Sec-  
25 retary of Defense, in consultation with the Sec-

1           retary of State, submits to the congressional de-  
2           fense committees a written notification of a de-  
3           termination under paragraph (2) to exempt the  
4           company from such requirements, including a  
5           discussion of the issues related to the foreign  
6           ownership or control of the company that were  
7           considered as part of the determination.

8           (c) NATIONAL TECHNOLOGY AND INDUSTRIAL BASE  
9   DEFINED.—In this section, the term “national technology  
10 and industrial base” has the meaning given the term in  
11 section 2500 of title 10, United States Code.

12 **SEC. 862. PILOT PROGRAM ON STRENGTHENING MANUFAC-**  
13 **TURING IN DEFENSE INDUSTRIAL BASE.**

14           (a) PILOT PROGRAM REQUIRED.—The Secretary of  
15 Defense shall carry out a pilot program to assess the feasi-  
16 bility and advisability of increasing the capability of the  
17 defense industrial base to support—

18           (1) production needs to meet military require-  
19           ments; and

20           (2) manufacturing and production of emerging  
21           defense and commercial technologies of military  
22           value.

23           (b) AUTHORITIES.—The Secretary shall carry out the  
24 pilot program under the following:

1           (1) The Defense Production Act of 1950 (50  
2 U.S.C. 4501 et seq.).

3           (2) Chapters 137 and 139 and sections 2371,  
4 2371b, and 2373 of title 10, United States Code.

5           (3) Such other legal authorities as the Sec-  
6 retary considers applicable to carrying out the pilot  
7 program.

8           (c) ACTIVITIES.—Activities under the pilot program  
9 may include the following:

10           (1) Use of contracts, grants, or other trans-  
11 action authorities to support manufacturing and  
12 production capabilities in small and medium sized  
13 manufacturers.

14           (2) Purchases of quantities of goods or equip-  
15 ment for testing and qualification purposes.

16           (3) Purchase commitments to create incentives  
17 for industry to develop manufacturing and produc-  
18 tion capabilities of interest to national security, in-  
19 cluding cost sharing with funding from nongovern-  
20 mental sources.

21           (4) Issuing loans directly to small and medium  
22 sized enterprises to support manufacturing and pro-  
23 duction capabilities.

24           (5) Guaranteeing loans to enable small and me-  
25 dium sized manufacturers to obtain private sector

1 loans to support manufacturing and production ca-  
2 pabilities in areas of national security interest.

3 (6) Giving awards to third party entities to sup-  
4 port investments in small and medium sized manu-  
5 facturers working in areas of national security inter-  
6 est, including activities to support debt and equity  
7 investments that would benefit missions of the De-  
8 partment of Defense.

9 (7) Such other activities as the Secretary deter-  
10 mines necessary.

11 (d) TERMINATION.—The pilot program shall termi-  
12 nate on the date that is five years after the date of the  
13 enactment of this Act.

14 **SEC. 863. SUNSET OF CERTAIN PROVISIONS RELATING TO**  
15 **THE INDUSTRIAL BASE.**

16 (a) MISCELLANEOUS LIMITATIONS ON THE PRO-  
17 CUREMENT OF GOODS OTHER THAN UNITED STATES  
18 GOODS.—Section 2534 of title 10, United States Code,  
19 is amended by adding at the end the following new sub-  
20 section:

21 “(k) SUNSET ON CERTAIN RESTRICTIONS.—The re-  
22 striction under subsection (a) relative to the procurement  
23 of the items set forth in paragraphs (1) through (4) of  
24 such subsection shall terminate on the close of September  
25 30, 2018.”.

1 (b) PHOTOVOLTAIC DEVICES.—Section 858 of the  
 2 Carl Levin and Howard P. “Buck” McKeon National De-  
 3 fense Authorization Act for Fiscal Year 2015 (Public Law  
 4 113–291; 10 U.S.C. 2534 note) is amended by adding at  
 5 the end the following new subsection:

6 “(c) SUNSET.—This section shall terminate on the  
 7 close of September 30, 2018.”.

## 8 **Subtitle G—International**

### 9 **Contracting Matters**

#### 10 **SEC. 865. PROCUREMENT EXCEPTION RELATING TO**

#### 11 **AGREEMENTS WITH FOREIGN GOVERN-**

#### 12 **MENTS.**

13 Section 2533a of title 10, United States Code, is  
 14 amended—

15 (1) in subsection (a), by striking “subsections  
 16 (c) through (h)” and inserting “subsections (c)  
 17 through (i)”;

18 (2) by redesignating subsections (i), (j), and (k)  
 19 as subsections (j), (k), and (l), respectively; and

20 (3) by inserting after subsection (h) the fol-  
 21 lowing new subsection:

22 “(i) EXCEPTION RELATING TO AGREEMENTS WITH  
 23 FOREIGN GOVERNMENTS.—Subsection (a) does not pre-  
 24 clude the acquisition of items described in subsection (b)  
 25 as part of a weapon system if the acquisition is necessary

1 in furtherance of an agreement with a foreign government  
2 in which both governments agree to remove barriers to  
3 purchases of supplies produced in the other country or  
4 services performed by sources of the other country.”.

5 **SEC. 866. APPLICABILITY OF COST AND PRICING DATA CER-**  
6 **TIFICATION REQUIREMENTS.**

7 Section 2306a(b)(1) of title 10, United States Code,  
8 is amended—

9 (1) in subparagraph (C), by striking “; or” and  
10 inserting a semicolon;

11 (2) in subparagraph (D)(ii), by striking the pe-  
12 riod at the end and inserting “; or”; and

13 (3) by adding at the end the following new sub-  
14 paragraph:

15 “(E) for a foreign military sale where  
16 there is already an existing Government con-  
17 tract—

18 “(i) for the same or similar item or  
19 service; and

20 “(ii) for which the Government has  
21 current cost and pricing data and insights  
22 into the reasonableness of price.”.

23 **SEC. 867. ENHANCING PROGRAM LICENSING.**

24 (a) IN GENERAL.—Not later than September 30,  
25 2019, the Secretary of Defense, with the concurrence of

1 the Secretary of State, shall establish a structure for im-  
 2 plementing a revised program export licensing framework  
 3 intended to provide comprehensive export licensing au-  
 4 thorization to support large international cooperative de-  
 5 fense programs between multiple nations and determine  
 6 what, if any, regulatory authorities require modification.

7 (b) SUSTAINMENT.—The licensing framework estab-  
 8 lished under subsection (a) shall require a program license  
 9 for the future sustainment of all international cooperative  
 10 defense programs comprised of more than five nations.  
 11 The program license shall be finalized prior to the  
 12 sustainment phase of that program’s acquisition lifecycle.

## 13 **Subtitle H—Other Transactions**

### 14 **SEC. 871. OTHER TRANSACTION AUTHORITY.**

15 (a) EXPANDED AUTHORITY FOR PROTOTYPE  
 16 PROJECTS.—Subsection (a) of section 2371b of title 10,  
 17 United States Code, is amended—

18 (1) by striking “(1) Subject” and inserting  
 19 “Subject”; and

20 (2) by striking paragraphs (2) and (3).

21 (b) MODIFICATION OF COST SHARING REQUIREMENT  
 22 FOR USE OF OTHER TRANSACTION AUTHORITY.—Sub-  
 23 section (d)(1) of such section is amended by striking sub-  
 24 paragraph (C) and inserting the following new subpara-  
 25 graph:

1           “(C) At least one third of the total cost of the  
2           prototype project is to be paid out of funds provided  
3           by sources other than the Federal Government.”.

4           (c) USE OF OTHER TRANSACTION AUTHORITY FOR  
5 ONGOING PROTOTYPE PROJECTS.—Subsection (f)(1) of  
6 such section is amended by adding at the end the fol-  
7 lowing: “A transaction includes all individual prototype  
8 sub-projects awarded under the transaction to a consor-  
9 tium of United States industry and academic institu-  
10 tions.”.

11 **SEC. 872. EDUCATION AND TRAINING FOR TRANSACTIONS**  
12 **OTHER THAN CONTRACTS AND GRANTS.**

13           Section 2371 of title 10, United States Code, is  
14 amended—

15           (1) by redesignating subsection (g) as sub-  
16           section (h); and

17           (2) by inserting after subsection (f) the fol-  
18           lowing new subsection:

19           “(g) EDUCATION AND TRAINING.—The Secretary of  
20 Defense shall ensure that management, technical, and  
21 contracting personnel of the Department involved in the  
22 award and administration of transactions under this sec-  
23 tion or other innovative forms of contracting are afforded  
24 adequate education and training.”.

1 **SEC. 873. PREFERENCE FOR USE OF OTHER TRANSACTIONS**  
2 **AND EXPERIMENTAL AUTHORITY.**

3 In the execution of science and technology and proto-  
4 typing programs, the Secretary of Defense shall establish  
5 a preference for using transactions other than contracts,  
6 cooperative agreements, and grants entered into pursuant  
7 to sections 2371 and 2371b of title 10, United States  
8 Code, and authority for procurement for experimental pur-  
9 poses pursuant to section 2373 of title 10, United States  
10 Code.

11 **SEC. 874. METHODS FOR ENTERING INTO RESEARCH**  
12 **AGREEMENTS.**

13 Section 2358(b) of title 10, United States Code, is  
14 amended—

15 (1) in paragraph (3), by striking “or”;

16 (2) in paragraph (4), by striking the period at  
17 the end and inserting a semicolon; and

18 (3) by adding at the end the following new  
19 paragraphs:

20 “(5) by transactions other than contracts, coop-  
21 erative agreements, and grants entered into pursu-  
22 ant to sections 2371 and 2371b of this title; or

23 “(6) by procurement for experimental purposes  
24 pursuant to section 2373 of this title.”.

1 **Subtitle I—Development and Ac-**  
2 **quisition of Software Intensive**  
3 **and Digital Products and Serv-**  
4 **ices**

5 **SEC. 881. RIGHTS IN TECHNICAL DATA.**

6 (a) MODIFICATION OF DEFINITION OF TECHNICAL  
7 DATA.—Paragraph (4) of section 2302 of title 10, United  
8 States Code, is amended to read as follows:

9 “(4) The term ‘technical data’—

10 “(A) means recorded information (regard-  
11 less of the form or method of the recording) of  
12 a scientific or technical nature relating to sup-  
13 plies procured by an agency;

14 “(B) with respect to software, includes ev-  
15 erything required to reproduce, build/recompile,  
16 test, and deploy working system binaries on  
17 system hardware, including all source code, re-  
18 vision histories, build scripts, build/compilation/  
19 modification instructions/procedures, docu-  
20 mentation, test cases, expected test results,  
21 compilers, interpreters, test harnesses, special-  
22 ized build and test hardware, connectors, ca-  
23 bles, and library dependencies; and

24 “(C) does not include computer software  
25 incidental to contract administration or finan-

1           cial, administrative, cost or pricing, or manage-  
2           ment data or other information incidental to  
3           contract administration.”.

4           (b) RIGHTS IN TECHNICAL DATA.—Section  
5 2320(a)(2) of title 10, United States Code, is amended  
6 by adding at the end the following new subparagraph:

7           “(J) The Secretary of Defense shall require the  
8           following with respect to software delivery:

9           “(i) Software shall be delivered in native  
10          electronic format.

11          “(ii) Builds must not be dependent upon  
12          pre-defined build directories.

13          “(iii) In the case of licensing restrictions  
14          that do not allow library dependency inclusion,  
15          verified accessible repositories and revision his-  
16          tory shall be documented and included.

17          “(iv) Commercial Off-The Shelf/Non-De-  
18          velopment Item (COTS/NDI) shall be delivered  
19          on original Licensed Media. If firmware is part  
20          of the delivery, then a Firmware Support Man-  
21          ual should be included as an Appendix.”.

22 **SEC. 882. DEFENSE INNOVATION BOARD ANALYSIS OF**  
23 **SOFTWARE ACQUISITION REGULATIONS.**

24          (a) STUDY.—

1           (1) IN GENERAL.—Not later than 30 days after  
2 the date of the enactment of this Act, the Secretary  
3 of Defense shall task the Defense Innovation Board  
4 to undertake a study on streamlining software devel-  
5 opment and acquisition regulations.

6           (2) MEMBER PARTICIPATION.—The Chairman  
7 of the Defense Innovation Board shall select appro-  
8 priate members from the membership of the Board  
9 to participate in this study, and may recommend ad-  
10 ditional temporary members or contracted support  
11 personnel to the Secretary of Defense for the pur-  
12 poses of this study. In considering additional ap-  
13 pointments to the study, the Secretary of Defense  
14 shall ensure that members have significant technical,  
15 legislative, or regulatory expertise and reflect diverse  
16 experiences in the public and private sector.

17           (3) SCOPE.—The study conducted pursuant to  
18 paragraph (1) shall—

19           (A) review the acquisition regulations ap-  
20 plicable to the Department of Defense with a  
21 view toward streamlining and improving the ef-  
22 ficiency and effectiveness of software acquisition  
23 in order to maintain defense technology advan-  
24 tage;

1 (B) produce specific and detailed rec-  
2 ommendations for any legislation, including the  
3 amendment or repeal of regulations, that the  
4 members of the Board conducting the study de-  
5 termine necessary to—

6 (i) streamline development and pro-  
7 curement of software;

8 (ii) adopt best practices from the pri-  
9 vate sector applicable to government use;

10 (iii) promote rapid adoption of new  
11 technology;

12 (iv) ensure continuing financial and  
13 ethical integrity in procurement; and

14 (v) protect the best interests of the  
15 Department of Defense; and

16 (C) produce such additional recommenda-  
17 tions for legislation as such members consider  
18 appropriate.

19 (4) CONSULTATION ON MAJOR PROGRAM RE-  
20 ALIGNMENT.—The Secretary of Defense shall con-  
21 sult with the Defense Innovation Board in con-  
22 ducting activities under the major program realign-  
23 ment pilot program established pursuant to section  
24 873. The Secretary shall provide the Board with  
25 timely access to all information necessary for the

1 Board to provide such consultation and report on  
2 the major program realignment.

3 (5) ACCESS TO INFORMATION.—The Secretary  
4 of Defense shall provide the Defense Innovation  
5 Board with timely access to appropriate information,  
6 data, resources, and analysis so that the Board may  
7 conduct a thorough and independent analysis as re-  
8 quired under this subsection.

9 (b) REPORTS.—

10 (1) INTERIM REPORTS.—Not later than 150  
11 days after the date of the enactment of this Act, the  
12 Secretary of Defense shall submit a report to or  
13 brief the congressional defense committees on the in-  
14 terim findings of the study conducted pursuant to  
15 subsection (a). The Defense Innovation Board shall  
16 provide regular updates to the Secretary of Defense  
17 and the congressional defense committees for pur-  
18 poses of providing the interim report

19 (2) FINAL REPORT.—Not later than one year  
20 after the Secretary of Defense tasks the Defense Ad-  
21 visory Board to conduct the study, the Board shall  
22 transmit a final report of the study to the Secretary.  
23 Not later than 30 days after receiving the final re-  
24 port, the Secretary of Defense shall transmit the  
25 final report, together with such comments as the

1 Secretary determines appropriate, to the congres-  
2 sional defense committees.

3 **SEC. 883. PILOT TO TAILOR SOFTWARE-INTENSIVE MAJOR**  
4 **PROGRAMS TO USE AGILE METHODS.**

5 (a) IN GENERAL.—Not later than 30 days after the  
6 date of the enactment of this Act, the Secretary of De-  
7 fense, in consultation with the Secretaries and Chiefs of  
8 the military services, shall identify one major program per  
9 service and one defense-wide program for tailoring into  
10 smaller increments. The programs shall be selected from  
11 among those designated as major defense acquisition pro-  
12 grams and those formerly designated as major automated  
13 information systems (excluding defense business systems).

14 (b) PROGRAM SELECTION CRITERIA.—In identifying  
15 candidate programs, the Secretary shall prioritize pro-  
16 grams that—

17 (1) are software intensive;

18 (2) have identified software development as a  
19 risk;

20 (3) have experienced cost growth and schedule  
21 delay; and

22 (4) did not deliver any operational capability  
23 within the prior calendar year.

24 (c) REALIGNMENT PLAN.—The Secretary of Defense  
25 shall finalize a realignment plan within 60 days of pro-

1 grams being identified under subsection (a) that provides  
2 for the realigned program increments having a cost below  
3 the cost threshold for designation as a major acquisition.

4 (d) REALIGNMENT EXECUTION.—Each realigned  
5 program increment shall—

6 (1) be designed to deliver a meaningfully useful  
7 capability within the first 180 days following realign-  
8 ment;

9 (2) be designed to deliver subsequent meaning-  
10 fully useful capabilities on timeframes of less than  
11 180 days;

12 (3) incorporate cross-functional teams focused  
13 on software production that prioritize user needs  
14 and control of total cost of ownership;

15 (4) be staffed with highly qualified technically  
16 trained staff and personnel with management and  
17 business process expertise in leadership positions to  
18 support requirements modification, acquisition strat-  
19 egy, and program decisionmaking;

20 (5) ensure that realigned acquisition strategies  
21 are broad enough to allow offerors to propose a serv-  
22 ice, system, modified business practice, configuration  
23 of personnel, or combination thereof as a solution;

24 (6) include periodic engagement with the user  
25 community, as well as representation by the user

1 community in program management and software  
2 production activity;

3 (7) ensure realigned acquisition strategies favor  
4 outcomes-based requirements definition and capa-  
5 bility as a service, including the establishment of  
6 technical evaluation criteria as outcomes to be used  
7 to drive service-level agreements with vendors; and

8 (8) consider options for termination of the rela-  
9 tionship with any vendor unable or unwilling to offer  
10 terms that meet the requirements of this section.

11 (e) CONSULTATION.—In conducting the program se-  
12 lection and tailoring under this section, the Secretary  
13 shall—

14 (1) use the tools, resources, and expertise of  
15 digital and innovation organizations resident in the  
16 Department, such as the Defense Innovation Board,  
17 the Defense Innovation Unit Experimental, the De-  
18 fense Science Board, the Defense Digital Services,  
19 federally funded research and development centers,  
20 research laboratories, and other technical, manage-  
21 ment, and acquisition experts;

22 (2) use the digital development and acquisition  
23 expertise of the General Services Administration's  
24 Technology Transition Service, Office of 18F; and

1           (3) leverage the science, technology, and innova-  
2           tion activities established pursuant to section 217 of  
3           the National Defense Authorization Act for Fiscal  
4           Year 2016 (Public Law 114–92; 10 U.S.C. 2445a  
5           note).

6           (f) AGILE ACQUISITION DEFINED.—In this section,  
7           the term “agile acquisition”—

8           (1) means acquisition pursuant to a method-  
9           ology for delivering multiple, rapid, incremental ca-  
10          pabilities to the user for operational use, evaluation,  
11          and feedback; and

12          (2) involves—

13                (A) the incremental development and field-  
14                ing of capabilities, commonly called “spirals”,  
15                “spins”, or “sprints”, which can be measured  
16                in a few weeks or months; and

17                (B) continuous participation and collabora-  
18                tion by users, testers, and requirements au-  
19                thorities.

20   **SEC. 884. REVIEW AND REALIGNMENT OF DEFENSE BUSI-**  
21                **NESS SYSTEMS TO EMPHASIZE AGILE METH-**  
22                **ODS.**

23           (a) IN GENERAL.—Not later than 30 days after the  
24           date of the enactment of this Act, the Secretary of De-  
25           fense, in consultation with the Chief Information Officers

1 and Chief Management Officers of the military services,  
2 shall conduct a comprehensive assessment of investments  
3 in defense business systems and prioritize no fewer than  
4 four and up to eight such systems for realignment and  
5 restructuring into smaller increments and the incorpora-  
6 tion of agile acquisition methods.

7 (b) PROGRAM ASSESSMENT ELEMENTS.—The as-  
8 sessment under subsection (a) shall include the following:

9 (1) A comparison of investments in business  
10 systems across the Department of Defense within  
11 each business system portfolio category, such as per-  
12 sonnel and pay systems, accounting and financial  
13 systems, and contracting and procurement systems.

14 (2) Identification of opportunities to rationalize  
15 requirements across investments within a business  
16 system portfolio.

17 (3) Identification of programs within business  
18 system portfolio categories that are most closely fol-  
19 lowing the best acquisition practices for software in-  
20 tensive systems.

21 (c) PROGRAM REALIGNMENT SELECTION CRI-  
22 TERIA.—In identifying programs for potential realign-  
23 ment, the Secretary of Defense shall prioritize programs  
24 that—

1           (1) did not deliver any operational capability  
2 within the prior calendar year;

3           (2) have experienced cost growth and schedule  
4 delay; and

5           (3) have similar user requirements to a better  
6 performing program within the same business sys-  
7 tem portfolio category.

8           (d) REALIGNMENT PLAN.—The Secretary of Defense  
9 shall finalize a realignment plan within 60 days of pro-  
10 grams being identified under subsection (c).

11          (e) REALIGNMENT EXECUTION.—Each realigned  
12 program increment shall—

13           (1) be designed to deliver a meaningfully useful  
14 capability within the first 180 days following realign-  
15 ment;

16           (2) be designed to deliver subsequent meaning-  
17 fully useful capabilities on timeframes of less than  
18 180 days;

19           (3) incorporate cross-functional teams focused  
20 on software production that prioritize user needs  
21 and control of total cost of ownership;

22           (4) be staffed with highly qualified technically  
23 trained staff and personnel with management and  
24 business process expertise in leadership positions to

1 support requirements modification, acquisition strat-  
2 egy, and program decision making;

3 (5) ensure that realigned acquisition strategies  
4 are broad enough to allow offerors to propose a serv-  
5 ice, system, modified business practice, configuration  
6 of personnel, or combination thereof as a solution;

7 (6) include periodic engagement with the user  
8 community as well as representation by the user  
9 community in program management and software  
10 production activity;

11 (7) ensure realigned acquisition strategies favor  
12 outcomes-based requirements definition and capa-  
13 bility as a service, including the establishment of  
14 technical evaluation criteria as outcomes to be used  
15 to drive service-level-agreements with vendors; and

16 (8) consider options for termination of the rela-  
17 tionship with any vendor unable or unwilling to offer  
18 terms that meet the requirements of this section.

19 (f) CONSULTATION.—In conducting the program se-  
20 lection and realignments under this section, the Secretary  
21 shall—

22 (1) use the tools, resources, and expertise of  
23 digital and innovation organizations resident in the  
24 Department, such as the Defense Innovation Board,  
25 the Defense Innovation Unit Experimental, the De-

1 fense Science Board, the Defense Business Board,  
2 the Defense Digital Services, federally funded re-  
3 search and development centers, research labora-  
4 tories, and other technical, management, and acqui-  
5 sition experts;

6 (2) use the digital development and acquisition  
7 expertise of the General Services Administration’s  
8 Technology Transition Service, Office of 18F; and

9 (3) leverage the science, technology, and innova-  
10 tion activities established pursuant to section 217 of  
11 the National Defense Authorization Act for Fiscal  
12 Year 2016 (Public Law 114–92; 10 U.S.C. 2445a  
13 note).

14 (g) AGILE ACQUISITION DEFINED.—In this section,  
15 the term “agile acquisition”—

16 (1) means acquisition pursuant to a method-  
17 ology for delivering multiple, rapid, incremental ca-  
18 pabilities to the user for operational use, evaluation,  
19 and feedback; and

20 (2) involves—

21 (A) the incremental development and field-  
22 ing of capabilities, commonly called “spirals”,  
23 “spins”, or “sprints”, which can be measured  
24 in a few weeks or months; and

1 (B) continuous participation and collabora-  
2 tion by users, testers, and requirements au-  
3 thorities.

4 **SEC. 885. SOFTWARE DEVELOPMENT PILOT USING AGILE**  
5 **BEST PRACTICES.**

6 (a) IN GENERAL.—Not later than 30 days after the  
7 date of the enactment of this Act, the Secretary of Defense  
8 shall identify no fewer than four and up to eight software  
9 development activities within the Department of Defense  
10 or military departments to be developed using modern  
11 agile acquisition methods.

12 (b) STREAMLINED PROCESSES.—Software develop-  
13 ment activities identified under subsection (a) shall be de-  
14 veloped without incorporation of the following contract or  
15 transaction requirements:

16 (1) Earned Value Management (EVM) or  
17 EVM-like reporting.

18 (2) Development of Integrated Master Sched-  
19 ule.

20 (3) Development of Integrated Master Plan.

21 (4) Development of Technical Requirement  
22 Document.

23 (5) Development of Systems Requirement Doc-  
24 uments.

1           (6) Use of Information Technology Infrastruc-  
2           ture Library agreements.

3           (7) Use of Software Development Life Cycle  
4           (methodology).

5           (c) ROLES AND RESPONSIBILITIES.—

6           (1) IN GENERAL.—Selected activities shall in-  
7           clude the following roles and responsibilities:

8                   (A) A program manager that is empowered  
9                   to make all programmatic decisions within the  
10                  overarching activity objectives, including re-  
11                  sources, funding, personnel, and contract or  
12                  transaction termination recommendations.

13                  (B) A product owner that reports directly  
14                  to the program manager and is responsible for  
15                  the overall design of the product, prioritization  
16                  of roadmap elements and interpretation of their  
17                  acceptance criteria, and prioritization of the list  
18                  of all features desired in the product.

19                  (C) An engineering lead that reports di-  
20                  rectly to the program manager and is respon-  
21                  sible for the implementation and operation of  
22                  the software.

23                  (D) A design lead that reports directly to  
24                  the program manager and is responsible for  
25                  identifying, communicating, and visualizing user

1 needs through a human centered design proc-  
2 ess.

3 (2) QUALIFICATIONS.—The Secretary shall es-  
4 tablish qualifications for personnel filling these posi-  
5 tions prior to their selection. The qualifications may  
6 not include a positive education requirement and  
7 must be based on technical expertise or experience  
8 in delivery of software products, to include agile con-  
9 cepts.

10 (3) COORDINATION PLAN FOR TESTING AND  
11 CERTIFICATION ORGANIZATIONS.—The program  
12 manager shall ensure resources for test and certifi-  
13 cation organizations support of iterative development  
14 processes.

15 (d) PLAN.—The Secretary of Defense or designee  
16 shall develop a plan for each selected activity under the  
17 pilot to include the following elements:

18 (1) Definition of a product vision, identifying a  
19 succinct, clearly defined need the software will ad-  
20 dress.

21 (2) Definition of a product road map, outlining  
22 a noncontractual plan that identifies short-term and  
23 long-term product goals and specific technology solu-  
24 tions to help meet those goals and adjusts to mission  
25 and user needs at the product owner’s discretion.

1           (3) The use of a Broad Agency Announcement,  
2           Other Transaction Authority, or other rapid merit-  
3           based solicitation procedure.

4           (4) Identification of, and continuous engage-  
5           ment with, end users.

6           (5) Frequent and iterative end user validation  
7           of features and usability consistent with the prin-  
8           ciples outlined in the Digital Services Playbook.

9           (6) Use of commercial best practices for ad-  
10          vanced computing systems, including, where applica-  
11          ble—

12                   (A) Automated Testing, Integration, and  
13                   Deployment;

14                   (B) compliance with applicable commercial  
15                   accessibility standards;

16                   (C) capability to support modern versions  
17                   of multiple, common web browsers;

18                   (D) capability to be viewable across com-  
19                   monly used end user devices, including mobile  
20                   devices; and

21                   (E) built-in application monitoring.

22          (e) PROGRAM SCHEDULE.—The Secretary shall en-  
23          sure that each selected activity includes—

24                   (1) award processes that take no longer than 3  
25                   months after a requirement is identified;

1           (2) planned frequent and iterative end user vali-  
2           dation of implemented features and their usability;

3           (3) delivery of a functional prototype or mini-  
4           mally viable product in 3 months or less from award;  
5           and

6           (4) follow-on delivery of iterative development  
7           cycles no longer than 4 weeks apart, including secu-  
8           rity testing and configuration management as appli-  
9           cable.

10          (f) OVERSIGHT METRICS.—The Secretary shall en-  
11         sure that the selected activities—

12           (1) use a modern tracking tool to execute re-  
13           quirements backlog tracking; and

14           (2) use agile development metrics that, at a  
15           minimum, track—

16                   (A) pace of work accomplishment;

17                   (B) completeness of scope of testing activi-  
18                   ties (such as code coverage, fault tolerance, and  
19                   boundary testing);

20                   (C) product quality attributes (such as  
21                   major and minor defects and measures of key  
22                   performance attributes and quality attributes);

23                   (D) delivery progress relative to the cur-  
24                   rent product roadmap; and

25                   (E) goals for each iteration.

1 (g) DATA RIGHTS.—

2 (1) UNCLASSIFIED SOFTWARE.—

3 (A) DEPARTMENT OF DEFENSE RIGHTS.—

4 The Department of Defense shall obtain suffi-  
5 cient data rights for unclassified software so  
6 that all custom computer software developed  
7 under the pilot activities are managed as open  
8 source software.

9 (B) PUBLIC AVAILABILITY.—The con-

10 tractor shall publicly develop and release the  
11 source code for unclassified custom software in  
12 a public repository with a license through which  
13 the copyright holder provides the rights to use,  
14 study, reuse, modify, enhance, and distribute  
15 the software to anyone and for any purpose.

16 (2) OTHER SOFTWARE.—For all other custom

17 software delivered under the pilot activities, the De-  
18 partment of Defense shall obtain sufficient data  
19 rights to enable a third party, other than the pilot  
20 contractor, to continue development and mainte-  
21 nance activities throughout the program lifecycle.

22 (h) RESTRICTIONS.—

23 (1) USE OF FUNDS.—No funds made available

24 for the selected activities may be expended on esti-

1 mation or evaluation using source lines of code  
2 methodologies.

3 (2) CONTRACT TYPES.—The Secretary of De-  
4 fense may not use lowest price technically acceptable  
5 contracting methods or cost plus contracts to carry  
6 out selected activities under this section, and shall  
7 encourage the use of existing streamlined and flexi-  
8 ble contracting arrangements.

9 (i) CONSULTATION.—In executing the software devel-  
10 opment activities under subsection (a), the Secretary  
11 shall—

12 (1) use the tools, resources, and expertise of  
13 digital and innovation organizations resident in the  
14 Department, such as the Defense Innovation Board,  
15 the Defense Innovation Unit Experimental, the De-  
16 fense Science Board, the Defense Business Board,  
17 the Defense Digital Services, federally funded re-  
18 search and development centers, research labora-  
19 tories, and other technical, management, and acqui-  
20 sition experts; and

21 (2) use, as appropriate, the digital development  
22 and acquisition expertise of the General Services Ad-  
23 ministration.

24 (j) REPORTS.—

1           (1) SOFTWARE DEVELOPMENT ACTIVITY COM-  
2           MENCEMENT.—

3           (A) IN GENERAL.—Not later than 30 days  
4           before the commencement of a software devel-  
5           opment activity under subsection (a), the Sec-  
6           retary shall submit to the congressional defense  
7           committees a report on the pilot activity.

8           (B) ELEMENTS.—The report on a pilot ac-  
9           tivity under this paragraph shall set forth a de-  
10          scription of the pilot activity, including the fol-  
11          lowing information:

- 12                   (i) The purpose of the pilot activity.  
13                   (ii) The duration of the pilot activity.  
14                   (iii) The efficiencies and benefits an-  
15                   ticipated to accrue to the Government  
16                   under the pilot program.

17          (2) SOFTWARE DEVELOPMENT ACTIVITY COM-  
18          PLETION.—

19          (A) IN GENERAL.—Not later than 60 days  
20          after the completion of a pilot activity, the Sec-  
21          retary shall submit to the congressional defense  
22          committees a report on the pilot activity.

23          (B) ELEMENTS.—The report on a pilot ac-  
24          tivity under this paragraph shall include the fol-  
25          lowing elements:

1 (i) A description of results of the pilot  
2 activity.

3 (ii) Such recommendations for legisla-  
4 tive or administrative action as the Sec-  
5 retary considers appropriate in light of the  
6 pilot activity.

7 (k) AGILE ACQUISITION DEFINED.—In this section,  
8 the term “agile acquisition”—

9 (1) means acquisition pursuant to a method-  
10 ology for delivering multiple, rapid, incremental ca-  
11 pabilities to the user for operational use, evaluation,  
12 and feedback; and

13 (2) involves—

14 (A) the incremental development and field-  
15 ing of capabilities, commonly called “spirals”,  
16 “spins”, or “sprints”, which can be measured  
17 in a few weeks or months; and

18 (B) continuous participation and collabora-  
19 tion by users, testers, and requirements au-  
20 thorities.

21 **SEC. 886. USE OF OPEN SOURCE SOFTWARE.**

22 (a) OPEN SOURCE SOFTWARE.—

23 (1) IN GENERAL.—Chapter 137 of title 10,  
24 United States Code, is amended by inserting after  
25 section 2320 the following new section:

1 **“§ 2320a. Use of open source software**

2       “(a) SOFTWARE DEVELOPMENT.—All unclassified  
3 custom-developed computer software and related technical  
4 data that is not a defense article regulated pursuant to  
5 section 38 of the Arms Export Control Act (22 U.S.C.  
6 2778) and that is developed under a contract or other  
7 transaction awarded by the Department of Defense on or  
8 after the date that is 180 days after the date of the enact-  
9 ment of this section shall be managed as open source soft-  
10 ware unless specifically waived by the service acquisition  
11 executive.

12       “(b) RELEASE OF SOFTWARE IN PUBLIC REPOSI-  
13 TORY.—The Secretary of Defense shall require the con-  
14 tractor to release source code and related technical data  
15 described under subsection (a) in a public repository ap-  
16 proved by the Department of Defense, subject to a license  
17 through which the copyright holder provides the rights to  
18 use, study, reuse, modify, enhance, and distribute the soft-  
19 ware to anyone and for any purpose.

20       “(c) APPLICABILITY TO EXISTING SOFTWARE.—The  
21 Secretary of Defense shall, where appropriate—

22               “(1) apply open source licenses to existing cus-  
23 tom-developed computer software; and

24               “(2) release related source code and technical  
25 data in a public repository location approved by the  
26 Department of Defense.

1 “(d) DEFINITIONS.—In this section:

2 “(1) CUSTOM-DEVELOPED COMPUTER SOFT-  
3 WARE.—The term ‘custom-developed computer soft-  
4 ware’ means human-readable source code, including  
5 segregable portions thereof, that is first produced in  
6 the performance of a Department of Defense con-  
7 tract or other transaction, or is otherwise fully fund-  
8 ed by the Federal Government.

9 “(2) TECHNICAL DATA.—The term ‘technical  
10 data’ has the meaning given the term in section  
11 2302 of this title.”.

12 (2) CLERICAL AMENDMENT.—The table of sec-  
13 tions at the beginning of such chapter is amended  
14 by adding after the item relating to section 2320 the  
15 following new item:

“2320a. Use of open source software.”.

16 (b) PRIZE COMPETITION.—The Secretary of Defense  
17 shall create a prize for a research and develop program  
18 or other activity for identifying, capturing, and storing ex-  
19 isting Department of Defense custom-developed computer  
20 software and related technical data. The Secretary of De-  
21 fense shall create an additional prize for improving,  
22 repurposing, or reusing software to better support the De-  
23 partment of Defense mission. The prize programs shall be  
24 conducted in accordance with section 2374a of title 10,  
25 United States Code.

1           (c) REVERSE ENGINEERING.—The Secretary of De-  
2 fense shall task the Defense Advanced Research Program  
3 Agency with a project to identify methods to locate and  
4 reverse engineer Department of Defense custom-developed  
5 computer software and related technical data for which  
6 source code is unavailable.

7           (d) DEFINITIONS.—In this section:

8                 (1) CUSTOM-DEVELOPED COMPUTER SOFT-  
9           WARE.—The term “custom-developed computer soft-  
10          ware” means human-readable source code, including  
11          segregable portions thereof, that is first produced in  
12          the performance of a Department of Defense con-  
13          tract or other transaction, or is otherwise fully fund-  
14          ed by the Federal Government.

15                (2) TECHNICAL DATA.—The term “technical  
16          data” has the meaning given the term in section  
17          2302 of title 10, United States Code.

18           (e) REGULATIONS.—Not later than 180 days after  
19 the date of the enactment of this Act, the Secretary of  
20 Defense shall amend the Defense Federal Acquisition Reg-  
21 ulation Supplement to carry out this section and the  
22 amendments made by this section.

1           **Subtitle J—Other Matters**

2   **SEC. 891. IMPROVED TRANSPARENCY AND OVERSIGHT**  
3                   **OVER DEPARTMENT OF DEFENSE RESEARCH,**  
4                   **DEVELOPMENT, TEST, AND EVALUATION EF-**  
5                   **FORTS AND PROCUREMENT ACTIVITIES RE-**  
6                   **LATED TO MEDICAL RESEARCH.**

7           The Secretary of Defense may not enter into a con-  
8   tract, grant, or cooperative agreement for congressional  
9   special interest medical research programs under the con-  
10   gressionally directed medical research program of the De-  
11   partment of Defense unless the contract, grant, or cooper-  
12   ative agreement meets the following conditions:

13                   (1) Compliance with the cost and price data re-  
14   quirements under section 2306a of title 10, United  
15   States Code.

16                   (2) Compliance with the cost accounting stand-  
17   ards under section 1502 of title 41, United States  
18   Code.

19                   (3) Compliance with requirements for full and  
20   open competition under section 2304 of title 10,  
21   United States Code, without reliance on one of the  
22   exceptions set forth in subsection (c) of such section.

1 **SEC. 892. RIGHTS IN TECHNICAL DATA RELATED TO MED-**  
2 **ICAL RESEARCH.**

3 The Secretary of Defense may not enter into a con-  
4 tract, grant, or cooperative agreement for congressional  
5 special interest medical research programs under the con-  
6 gressionally directed medical research program of the De-  
7 partment of Defense unless the contract, grant, or cooper-  
8 ative agreement provides that the United States Govern-  
9 ment will have the same rights to the technical data to  
10 an item or process developed under the contract, grant,  
11 or cooperative agreement as applicable under section  
12 2320(a)(2)(A) of title 10, United States Code, to items  
13 and processes developed exclusively with Federal funds  
14 where the medical research results in medicines and other  
15 treatments that will be procured or otherwise paid for by  
16 the Federal Government through the Department of De-  
17 fense, the Department of Veterans Affairs, Medicare,  
18 Medicaid, or other Federal Government health programs.

19 **SEC. 893. OVERSIGHT, AUDIT, AND CERTIFICATION FROM**  
20 **THE DEFENSE CONTRACT AUDIT AGENCY**  
21 **FOR PROCUREMENT ACTIVITIES RELATED TO**  
22 **MEDICAL RESEARCH.**

23 The Secretary of Defense may not enter into a con-  
24 tract, grant, or cooperative agreement for congressional  
25 special interest medical research programs under the con-  
26 gressionally directed medical research program of the De-

1 partment of Defense unless the contract, grant, or cooper-  
2 ative agreement meets the following conditions:

3 (1) Prior to obligation of any funds, review by  
4 and certification from the Defense Contract Audit  
5 Agency regarding the adequacy of the accounting  
6 systems of the proposed awardee, including a for-  
7 ward pricing review of the awardee's proposal.

8 (2) Prior to any payment on the contract,  
9 grant, or cooperative agreement, performance by the  
10 Defense Contract Audit Agency of an incurred cost  
11 audit.

12 **SEC. 894. REQUIREMENTS FOR DEFENSE CONTRACT AUDIT**  
13 **AGENCY REPORT.**

14 Subparagraph (E) of section 2313a(a)(2) of title 10,  
15 United States Code, is amended to read as follows:

16 “(E) the total number and dollar value of  
17 audits that are pending for a period longer than  
18 18 months as of the end of the fiscal year cov-  
19 ered by the report, including a breakdown by  
20 type of audit;”.

1 **SEC. 895. PROTOTYPE PROJECTS TO DIGITIZE DEFENSE AC-**  
2 **QUISITION REGULATIONS, POLICIES, AND**  
3 **GUIDANCE, AND EMPOWER USER TAILORING**  
4 **OF ACQUISITION PROCESS.**

5 (a) IN GENERAL.—The Secretary of Defense, acting  
6 through the Under Secretary of Defense for Research and  
7 Engineering, shall conduct development efforts to develop  
8 prototypes to digitize defense acquisition regulations, poli-  
9 cies, and guidance and to develop a digital decision sup-  
10 port tool that facilitates the ability of users to tailor pro-  
11 grams in accordance with existing laws, regulations, and  
12 guidance.

13 (b) ELEMENTS.—Under the prototype projects, the  
14 Secretary shall—

15 (1) convert existing acquisition policies, guides,  
16 memos, templates, and reports to an online, inter-  
17 active digital format to create a dynamic, integrated,  
18 and authoritative knowledge environment for pur-  
19 poses of assisting program managers and the acqui-  
20 sition workforce of the Department of Defense to  
21 navigate the complex lifecycle for each major type of  
22 acquisition program or activity of the Department;

23 (2) as part of this digital environment, create a  
24 digital decision support capability that uses decision  
25 trees and tailored acquisition models to assist users

1 to develop strategies and facilitate coordination and  
2 approvals; and

3 (3) as part of this environment, establish a  
4 foundational data layer to enable advanced data  
5 analytics on the acquisition enterprise of the Depart-  
6 ment, to include business process reengineering to  
7 improve productivity.

8 (c) USE OF PROTOTYPES IN ACQUISITION ACTIVI-  
9 TIES.—The Under Secretary of Defense for Research and  
10 Engineering shall encourage the use of these prototypes  
11 to model, develop, and test any procedures, policies, in-  
12 structions, or other forms of direction and guidance that  
13 may be required to support acquisition training, practices,  
14 and policies of the Department of Defense.

15 (d) FUNDING.—The Secretary may use the authority  
16 under section 1705(e)(4)(B) of title 10, United States  
17 Code, to develop acquisition support prototypes and tools  
18 under this program.

19 **SEC. 896. PILOT PROGRAM FOR ADOPTION OF ACQUISITION**  
20 **STRATEGY FOR DEFENSE BASE ACT INSUR-**  
21 **ANCE.**

22 (a) IN GENERAL.—The Secretary of Defense shall es-  
23 tablish a pilot program for the United States Army Corps  
24 of Engineers (USACE) for purposes of adopting an acqui-  
25 sition strategy for insurance required by the Defense Base

1 Act (42 U.S.C. 1651 et seq.) in order to minimize the cost  
2 of such insurance to the Department of Defense.

3 (b) CRITERIA.—The pilot program acquisition strat-  
4 egy developed pursuant to subsection (a) shall address the  
5 following criteria:

6 (1) Minimize overhead costs associated with ob-  
7 taining insurance required by the Defense Base Act,  
8 such as direct or indirect costs for contract manage-  
9 ment and contract administration.

10 (2) Minimize costs for coverage of such insur-  
11 ance consistent with realistic assumptions regarding  
12 the likelihood of incurred claims by contractors of  
13 the Department and USACE.

14 (3) Provide for a correlation of premiums paid  
15 in relation to claims incurred that is modeled on best  
16 practices in government and industry for similar  
17 kinds of insurance.

18 (4) Provide for a competitive marketplace for  
19 insurance required by the Defense Base Act to the  
20 maximum extent practicable.

21 (c) SINGLE CONTRACT.—

22 (1) IN GENERAL.—In adopting the pilot pro-  
23 gram acquisition strategy pursuant to subsection  
24 (a), the Secretary shall enter into a single Defense  
25 Base Act insurance contract for USACE for con-

1 tracts involving performance in all theaters, and po-  
2 tentially including combat operations.

3 (2) SCOPE.—The contract shall extend to all  
4 categories of insurance coverage, including construc-  
5 tion, aviation, security, and services contracts.

6 (3) TERM.—The contract entered into under  
7 this subsection shall be in effect for at least 3 years,  
8 or as considered appropriate by the Secretary.

9 (d) REPORT.—

10 (1) IN GENERAL.—Not later than 180 days  
11 after the date of the enactment of this Act, the Sec-  
12 retary shall submit to the congressional defense com-  
13 mittees a report on the pilot program and the acqui-  
14 sition strategy adopted pursuant to subsection (a).

15 (2) ELEMENTS.—The report required under  
16 paragraph (1) shall include—

17 (A) a discussion of each of the options con-  
18 sidered and the extent to which each option ad-  
19 dresses the criteria identified under subsection  
20 (b); and

21 (B) a plan to implement within 18 months  
22 after the date of enactment of this Act the ac-  
23 quisition strategy adopted by the Secretary.

24 (e) REVIEW AND RENEWAL OF PILOT PROGRAM AND  
25 ACQUISITION STRATEGY.—The Secretary shall review the

1 pilot program and may renew the program, provided that  
2 the objectives have been reached.

3 **SEC. 897. PHASE III AWARDS.**

4 Section 9(r)(4) of the Small Business Act (15 U.S.C.  
5 638(r)(4)) is amended by striking “shall issue Phase III  
6 awards” and inserting the following: “shall—

7 “(A) consider an award under the SBIR  
8 program or the STTR program to satisfy the  
9 requirements under section 2304 of title 10,  
10 United States Code, and any other applicable  
11 competition requirements; and

12 “(B) issue, without further justification,  
13 Phase III awards”.

14 **SEC. 898. PILOT PROGRAM FOR STREAMLINED TECH-**  
15 **NOLOGY TRANSITION FROM THE SBIR AND**  
16 **STTR PROGRAMS OF THE DEPARTMENT OF**  
17 **DEFENSE.**

18 (a) DEFINITIONS.—In this section—

19 (1) the terms “commercialization”, “Federal  
20 agency”, “Phase I”, “Phase II”, “Phase III”,  
21 “SBIR”, and “STTR” have the meanings given  
22 those terms in section 9(e) of the Small Business  
23 Act (15 U.S.C. 638(e));

24 (2) the term “covered small business concern”  
25 means—

1 (A) a small business concern that com-  
2 pleted a Phase II award under the SBIR or  
3 STTR program of the Department; or

4 (B) a small business concern that—

5 (i) completed a Phase I award under  
6 the SBIR or STTR program of the De-  
7 partment; and

8 (ii) a contracting officer for the De-  
9 partment recommends for inclusion in a  
10 multiple award contract described in sub-  
11 section (b);

12 (3) the term “Department” means the Depart-  
13 ment of Defense;

14 (4) the term “multiple award contract” has the  
15 meaning given the term in section 3302(a) of title  
16 41, United States Code;

17 (5) the term “pilot program” means the pilot  
18 program established under subsection (b); and

19 (6) the term “small business concern” has the  
20 meaning given the term in section 3 of the Small  
21 Business Act (15 U.S.C. 632).

22 (b) ESTABLISHMENT.—Not later than 180 days after  
23 the date of enactment of this Act, the Secretary of Defense  
24 shall establish a pilot program under which the Depart-  
25 ment shall award multiple award contracts to covered

1 small business concerns for the purchase of technologies,  
2 supplies, or services that the covered small business con-  
3 cern has developed through the SBIR or STTR program.

4 (c) WAIVER OF COMPETITION IN CONTRACTING ACT  
5 REQUIREMENTS.—The Secretary of Defense may estab-  
6 lish procedures to waive provisions of section 2304 of title  
7 10, United States Code, for purposes of carrying out the  
8 pilot program.

9 (d) USE OF CONTRACT VEHICLE.—A multiple award  
10 contract described in subsection (b) may be used by any  
11 service or component of the Department.

12 (e) TERMINATION.—The pilot program established  
13 under this section shall terminate on September 30, 2023.

14 (f) RULE OF CONSTRUCTION.—Nothing in this sec-  
15 tion shall be construed to prevent the commercialization  
16 of products and services produced by a small business con-  
17 cern under an SBIR or STTR program of a Federal agen-  
18 cy through—

19 (1) direct awards for Phase III of an SBIR or  
20 STTR program; or

21 (2) any other contract vehicle.

1 **SEC. 899. ANNUAL REPORT ON LIMITATION OF SUBCON-**  
2 **TRACTOR INTELLECTUAL PROPERTY**  
3 **RIGHTS.**

4 Not later than 180 days after the date of the enact-  
5 ment of this Act, and annually thereafter for five years,  
6 the Secretary of Defense shall submit to the congressional  
7 defense committees a report listing all contracts entered  
8 into during the previous fiscal year using procedures  
9 under part 15 of the Federal Acquisition Regulation where  
10 the prime contractor limited the intellectual property  
11 rights of one or more subcontractors without being re-  
12 quired to do so by the United States Government.

13 **SEC. 899A. EXTENSION FROM 20 TO 30 YEARS OF MAXIMUM**  
14 **TOTAL PERIOD FOR DEPARTMENT OF DE-**  
15 **FENSE CONTRACTS FOR STORAGE, HAN-**  
16 **DLING, OR DISTRIBUTION OF LIQUID FUELS**  
17 **AND NATURAL GAS.**

18 (a) **EXTENSION.**—Section 2922(b) of title 10, United  
19 States Code, is amended by striking “a total of 20 years”  
20 and inserting “a total of 30 years”.

21 (b) **EFFECTIVE DATE.**—The amendment made by  
22 subsection (a) shall take effect on October 1, 2027, and  
23 shall apply with respect to contracts entered into on or  
24 after such date.

1 **SEC. 899B. EXCEPTION FOR DEPARTMENT OF DEFENSE**  
2 **CONTRACTS FROM REQUIREMENT THAT**  
3 **BUSINESS OPERATIONS CONDUCTED UNDER**  
4 **GOVERNMENT CONTRACTS ACCEPT AND DIS-**  
5 **PENSE \$1 COINS.**

6 Section 5112(p)(1) of title 31, United States Code,  
7 is amended by inserting “, with the exception of business  
8 operations conducted by any entity under a contract with  
9 the Department of Defense,” before “shall take such ac-  
10 tion”.

11 **SEC. 899C. INVESTING IN RURAL SMALL BUSINESSES.**

12 (a) FLEXIBILITY FOR RESIDENCY IN HUBZONES.—  
13 Section 3(p)(5)(A)(i)(I) of the Small Business Act (15  
14 U.S.C. 632(p)(5)(A)(i)(I)) is amended by striking “35  
15 percent” each place that term appears and inserting “33  
16 percent”.

17 (b) ENABLING LOCAL COMMUNITIES TO MAXIMIZE  
18 ECONOMIC POTENTIAL.—The Small Business Act (15  
19 U.S.C. 631 et seq.) is amended—

20 (1) in section 3(p)(1) (15 U.S.C. 632(p)(1))—

21 (A) in subparagraph (E), by striking “or”  
22 at the end;

23 (B) by redesignating subparagraph (F) as  
24 subparagraph (G); and

25 (C) by inserting after subparagraph (E)  
26 the following:

1           “(F) another qualified area designated by  
2 the Administrator under section 31(d); or”]; and  
3 (2) in section 31 (15 U.S.C. 657a)—

4           (A) by redesignating subsection (d) as sub-  
5 section (e); and

6           (B) by inserting after subsection (c) the  
7 following:

8           “(d) OTHER QUALIFIED AREAS.—

9           “(1) DEFINITIONS.—In this subsection—

10           “(A) the term ‘covered area’ means an  
11 area in a State—

12           “(i) that is located outside of an ur-  
13 banized area, as determined by the Bureau  
14 of the Census; and

15           “(ii) with a population of not more  
16 than 50,000;

17           “(B) the term ‘governor’ means the chief  
18 executive of a State; and

19           “(C) the term ‘State’ means each of the  
20 several States, the District of Columbia, the  
21 Commonwealth of Puerto Rico, the Virgin Is-  
22 lands, Guam, the Commonwealth of the North-  
23 ern Mariana Islands, and American Samoa.

24           “(2) DESIGNATION.—A governor may petition  
25 the Administrator to designate one or more covered

1 areas as a HUBZone if the average unemployment  
2 rate of each covered area is not less than 120 per-  
3 cent of the average unemployment rate of the United  
4 States or of the State in which the covered area is  
5 located, whichever is less, based on the most recent  
6 data available from the American Community Sur-  
7 vey conducted by the Bureau of the Census.

8 “(3) CRITERIA.—In reviewing a petition sub-  
9 mitted by a governor under paragraph (2), the Ad-  
10 ministrator may consider—

11 “(A) the potential for job creation and in-  
12 vestment;

13 “(B) the demonstrated interest of small  
14 business concerns in the covered area to partici-  
15 pate in the HUBZone program established  
16 under section 31; and

17 “(C) the consideration by State and local  
18 government officials of a HUBZone as part of  
19 an economic development strategy.

20 “(4) PETITION.—With respect to a petition  
21 submitted by a governor to the Administrator under  
22 paragraph (2)—

23 “(A) the governor may submit not more  
24 than 1 petition in a fiscal year unless the Ad-  
25 ministrator determines that an additional peti-

1           tion from the State of the governor is appro-  
2           priate;

3           “(B) the governor may not submit a peti-  
4           tion for more than 10 percent of the total num-  
5           ber of covered areas in the State of the gov-  
6           ernor; and

7           “(C) if the Administrator grants the peti-  
8           tion and designates one or more covered areas  
9           as a HUBZone, the governor shall, not less fre-  
10          quently than annually, submit data to the Ad-  
11          ministrators certifying that each covered area  
12          continues to meet the requirements of clauses  
13          (i) and (ii) of paragraph (1)(A).

14          “(5) PROCESS.—The Administrator shall estab-  
15          lish procedures—

16               “(A) to ensure that the Administration ac-  
17               cepts petitions under paragraph (2) from all  
18               States each fiscal year; and

19               “(B) to provide technical assistance, before  
20               the filing of a petition under paragraph (2), to  
21               a governor who is interested in filing such a pe-  
22               tition.”.

23          (c) ENSURING TIMELY CONSIDERATION OF  
24          HUBZONE APPLICATIONS.—Section 3(p)(5) of the Small

1 Business Act (15 U.S.C. 632(p)(5)) is amended by adding  
2 at the end the following:

3 “(C) REVIEW OF APPLICATIONS.—Not  
4 later than 60 days after the date on which the  
5 Administrator receives an application from a  
6 small business concern to be certified as a  
7 qualified HUBZone small business concern  
8 under subparagraph (A)(i), the Administrator  
9 shall approve or deny the application.”.

10 **TITLE IX—DEPARTMENT OF DE-**  
11 **FENSE ORGANIZATION AND**  
12 **MANAGEMENT**

13 **Subtitle A—Office of the Secretary**  
14 **of Defense and Related Matters**

15 **SEC. 901. CHIEF MANAGEMENT OFFICER OF THE DEPART-**  
16 **MENT OF DEFENSE.**

17 (a) CHIEF MANAGEMENT OFFICER.—

18 (1) IN GENERAL.—Effective February 1, 2018,  
19 section 132a of title 10, United States Code, is  
20 amended to read as follows:

21 **“§ 132a. Chief Management Officer**

22 “(a) APPOINTMENT.—There is a Chief Management  
23 Officer of the Department of Defense, appointed from ci-  
24 vilian life by the President, by and with the advice and  
25 consent of the Senate. The Chief Management Officer

1 shall be appointed from among persons who have an exten-  
2 sive management or business background and experience  
3 with managing large or complex organizations. A person  
4 may not be appointed as Chief Management Officer within  
5 seven years after relief from active duty as a commissioned  
6 officer of a regular component of an armed force.

7 “(b) RESPONSIBILITIES.—Subject to the authority,  
8 direction, and control of the Secretary of Defense, the  
9 Chief Management Officer shall perform such duties and  
10 exercise such powers as the Secretary may prescribe, in-  
11 cluding—

12 “(1) serving as the chief management officer of  
13 the Department of Defense with the mission of man-  
14 aging the business operations of the Department;

15 “(2) serving as the principal advisor to the Sec-  
16 retary on establishing policies for, and directing, all  
17 business operations of the Department, including  
18 business transformation, business planning and  
19 processes, performance management, and business  
20 information technology management and improve-  
21 ment activities and programs, including the alloca-  
22 tion of resources for business operations and uni-  
23 fying business management efforts across the De-  
24 partment;

1           “(3) exercising authority, direction, and control  
2 over the Defense Agencies and Department of De-  
3 fense Field Activities providing shared business serv-  
4 ices for the Department that are designated by the  
5 Secretary for purposes of this paragraph;

6           “(4) as of January 1, 2019—

7           “(A) serving as the Chief Information Offi-  
8 cer of the Department for purposes of section  
9 2222 of this title;

10           “(B) administering the responsibilities and  
11 duties specified in sections 11315 and 11319 of  
12 title 40, section 3506(a)(2) of title 44, and sec-  
13 tion 2223(a) of this title for business systems  
14 and management; and

15           “(C) any responsibilities, duties, and pow-  
16 ers relating to business systems or management  
17 that are exercisable by a chief information offi-  
18 cer for the Department, other than those re-  
19 sponsibilities, duties, and powers of a chief in-  
20 formation officer that are vested in the Chief  
21 Information Warfare Officer by section 142 of  
22 this title;

23           “(5) serving as the official with principal re-  
24 sponsibility in the Department for providing for the  
25 availability of common, usable, Defense-wide data

1 sets with applications such as improving acquisition  
2 outcomes and personnel management; and

3 “(6) the authority to direct the Secretaries of  
4 the military departments and the heads of all other  
5 elements of the Department with regard to matters  
6 for which the Chief Management Officer has respon-  
7 sibility under this section.

8 “(c) PRECEDENCE.—The Chief Management Officer  
9 takes precedence in the Department of Defense after the  
10 Secretary of Defense and the Deputy Secretary of De-  
11 fense.”.

12 (2) CLERICAL AMENDMENT.—Effective Feb-  
13 ruary 1, 2018, the table of sections at the beginning  
14 of chapter 4 of such title is amended by striking the  
15 item relating to section 132a and inserting the fol-  
16 lowing new item:

“132a. Chief Management Officer.”.

17 (b) CONFORMING REPEAL OF PRIOR AUTHORITIES  
18 ON CMO.—

19 (1) IN GENERAL.—Effective on January 31,  
20 2018, subsection (c) of section 901 of the National  
21 Defense Authorization Act for Fiscal Year 2017  
22 (Public Law 114–328; 130 Stat. 2341; 10 U.S.C.  
23 131 note) is repealed, and the amendments to be  
24 made by paragraph (4) of that subsection shall not  
25 be made.

1           (2) FURTHER CONFORMING AMENDMENTS.—  
2           Effective on February 1, 2018, section 132 of title  
3           10, United States Code, is amended—

4                   (A) by striking subsection (c); and

5                   (B) by redesignating subsection (d) as sub-  
6           section (c).

7           (c) CONFORMING AMENDMENTS ON PRECEDENCE IN  
8           DOD.—Effective on February 1, 2018, and immediately  
9           after the coming into effect of the amendments made by  
10          section 901 of the National Defense Authorization Act for  
11          Fiscal Year 2017—

12           (1) section 131(b) of title 10, United States  
13          Code, is amended—

14                   (A) by redesignating paragraphs (2)  
15           through (9) as paragraphs (3) through (10), re-  
16           spectively; and

17                   (B) by inserting after paragraph (1) the  
18           following new paragraph (2):

19                   “(2) The Chief Management Officer of the De-  
20           partment of Defense.”;

21           (2) section 133a(c) of such title is amended—

22                   (A) in paragraph (1), by striking “and the  
23           Deputy Secretary of Defense” and inserting “,  
24           the Deputy Secretary of Defense, and the Chief

1 Management Officer of the Department of De-  
2 fense”; and

3 (B) in paragraph (2), by inserting “the  
4 Chief Management Officer,” after “the Deputy  
5 Secretary,”; and

6 (3) section 133b(e) of such title is amended—

7 (A) in paragraph (1), by inserting “the  
8 Chief Management Officer of the Department  
9 of Defense,” after “the Deputy Secretary of  
10 Defense,”; and

11 (B) in paragraph (2), by inserting “the  
12 Chief Management Officer,” after “the Deputy  
13 Secretary,”.

14 (d) EXECUTIVE SCHEDULE LEVEL II.—Effective on  
15 February 1, 2018, and immediately after the coming into  
16 effect of the amendment made by section 901(h) of the  
17 National Defense Authorization Act for Fiscal Year 2017,  
18 section 5313 of title 5, United States Code, is amended  
19 by inserting before the item relating to the Under Sec-  
20 retary of Defense for Research and Engineering the fol-  
21 lowing new item:

22 “Chief Management Officer of the Department  
23 of Defense.”.

24 (e) SERVICE OF INCUMBENT DEPUTY CHIEF MAN-  
25 AGEMENT OFFICER AS CHIEF MANAGEMENT OFFICER

1 UPON COMMENCEMENT OF LATTER POSITION WITHOUT  
2 FURTHER APPOINTMENT.—The individual serving in the  
3 position of Deputy Chief Management Officer of the De-  
4 partment of Defense as of February 1, 2018, may con-  
5 tinue to serve as Chief Management Officer of the Depart-  
6 ment of Defense under section 132a of title 10, United  
7 States Code (as amended by subsection (a)), commencing  
8 as of that date without further appointment pursuant to  
9 such section 132a.

10 (f) REPORT ON DEFENSE AGENCIES AND FIELD AC-  
11 TIVITIES PROVIDING SHARED BUSINESS SERVICES.—Not  
12 later than January 15, 2018, the Secretary of Defense  
13 shall submit to the congressional defense committees a re-  
14 port specifying each Defense Agency and Department of  
15 Defense Field Activity providing shared business services  
16 for the Department of Defense that is to be designated  
17 by the Secretary for purposes of subsection (b)(3) of sec-  
18 tion 132a of title 10, United States Code (as so amended),  
19 as of the coming into effect of such section 132a

20 (g) NOTICE TO CONGRESS ON TRANSFER OF OVER-  
21 SIGHT OF DEFENSE AGENCIES AND FIELD ACTIVITIES  
22 WITH BUSINESS-SUPPORT FUNCTIONS TO CMO.—Upon  
23 the transfer of responsibility for oversight of a Defense  
24 Agency or Department of Defense Field Activity specified  
25 in subsection (c) of section 132a of title 10, United States

1 Code (as so amended), to the Chief Management Officer  
2 of the Department of Defense, the Secretary of Defense  
3 shall submit to the congressional defense committees a no-  
4 tice on the transfer, including the Defense Agency or Field  
5 Activity subject to the transfer and a description of the  
6 nature and scope of the responsibility for oversight trans-  
7 ferred.

8 **SEC. 902. REALIGNMENT OF RESPONSIBILITIES, DUTIES,**  
9 **AND POWERS OF CHIEF INFORMATION OFFI-**  
10 **CER OF THE DEPARTMENT OF DEFENSE.**

11 (a) IN GENERAL.—Effective on January 1, 2019, the  
12 responsibilities, duties, and powers vested in the Chief In-  
13 formation Officer of the Department of Defense as of De-  
14 cember 31, 2018, are realigned as follows:

15 (1) There is vested in the Chief Information  
16 Warfare Officer of the Department of Defense the  
17 responsibilities, duties, and powers provided for by  
18 section 142 of title 10, United States Code (as  
19 amended by subsection (b)).

20 (2) There is vested in the Chief Management  
21 Officer of the Department of Defense any respon-  
22 sibilities, duties, and powers vested in the Chief In-  
23 formation Officer of the Department of Defense as  
24 of December 31, 2018, that are not vested in the

1 Chief Information Warfare Officer by paragraph (1)  
2 and such section 142.

3 (b) CHIEF INFORMATION WARFARE OFFICER.—

4 (1) IN GENERAL.—Section 142 of title 10,  
5 United States Code, is amended to read as follows:

6 **“§ 142. Chief Information Warfare Officer**

7 “(a) IN GENERAL.—(1) There is a Chief Information  
8 Warfare Officer of the Department of Defense, who shall  
9 be appointed from among civilians who are qualified to  
10 serve as the Chief Information Warfare Officer by the  
11 President, by and with the advice and consent of the Sen-  
12 ate.

13 “(2) The Chief Information Warfare Officer shall re-  
14 port directly to the Secretary of Defense in the perform-  
15 ance of duties under this section.

16 “(b) RESPONSIBILITY AND AUTHORITY.—(1) Subject  
17 to the authority, direction, and control of the Secretary  
18 of Defense, the Chief Information Warfare Officer is re-  
19 sponsible for all matters relating to the information envi-  
20 ronment of the Department of Defense and has the au-  
21 thority to establish policy for, and direct the Secretaries  
22 of the military departments and the heads of all other ele-  
23 ments of the Department relating to, the matters as fol-  
24 low:

25 “(A) Space and space launch systems.

1           “(B) Communications networks and informa-  
2           tion technology (other than business systems).

3           “(C) National security systems.

4           “(D) Information assurance and cybersecurity.

5           “(E) Electronic warfare and cyber warfare.

6           “(F) Nuclear command and control and senior  
7           leadership communications systems.

8           “(G) Command and control systems and net-  
9           works.

10          “(H) The electromagnetic spectrum.

11          “(I) Positioning, navigation, and timing.

12          “(J) Any other matters assigned to the Chief  
13          Information Officer of the Department of Defense,  
14          not relating to business systems or management, in  
15          sections 2223 and 2224 of this title, sections 11315  
16          and 11319 of title 40, and sections 3506 and 3544  
17          of title 44.

18          “(2) In addition to the responsibilities in paragraph  
19          (1), the responsibilities of the Chief Information Warfare  
20          Officer include—

21                 “(A) exercising authority, direction, and control  
22                 over the missions, programs, and organizational ele-  
23                 ments pertaining to information assurance (formally  
24                 Information Assurance Directorate) of the National  
25                 Security Agency;

1           “(B) exercising authority, direction, and control  
2           over the Defense Information Systems Agency, or  
3           any successor organization, for the matters described  
4           in paragraph (1); and

5           “(C) responsibilities for policy, oversight, guid-  
6           ance, and coordination for all Department matters  
7           relating to the electromagnetic spectrum, includ-  
8           ing—

9                   “(i) coordination with other Federal agen-  
10                  cies and the private sector;

11                  “(ii) coordination for classified programs;  
12                  and

13                  “(iii) in coordination with the Under Sec-  
14                  retary for Personnel and Health, the spectrum  
15                  management workforce.

16           “(3) Notwithstanding the exemptions for the Depart-  
17           ment of Defense in section 11319 of title 40, the authority  
18           of the Chief Information Warfare Officer to direct the sec-  
19           retaries of the military departments for information war-  
20           fare matters as provided in paragraph (1) shall include—

21                   “(A) playing a significant and directive role in  
22                  the decision processes for all annual and multi-year  
23                  planning, programming, budgeting, and execution  
24                  decisions, including the authority to realign the ele-  
25                  ments of the budgets and budget requests of the

1 military departments that pertain to the responsibil-  
2 ities of the Chief Information Warfare Officer;

3 “(B) reviewing and approving any funding re-  
4 quest or reprogramming request;

5 “(C) ensuring that the military departments  
6 comply with Government and Department standards  
7 on a matter described in paragraph (1) or (2);

8 “(D) reviewing and approving the appointment  
9 of any other employee who functions in the capacity  
10 of a Chief Information Officer or a Chief Informa-  
11 tion Warfare Officer for any component within the  
12 Department, except for the Chief Management Offi-  
13 cer of the Department of Defense; and

14 “(E) participating in all meetings, management,  
15 and decision-making forums on issues pertaining to  
16 any matter described in paragraph (1) or (2).

17 “(4) The Chief Information Warfare Officer shall  
18 oversee and may require that programs of the military de-  
19 partments comply with such direction and standards as  
20 the Chief Information Warfare Officer may establish relat-  
21 ing to a matter described in paragraph (1) or (2).

22 “(5) The Chief Information Warfare Officer shall  
23 perform such additional duties and exercise such addi-  
24 tional powers as the Secretary may prescribe.

1       “(c) CHIEF INFORMATION OFFICER FOR CERTAIN  
2 PURPOSES.—The Chief Information Warfare Officer—

3               “(1) is the Chief Information Officer of the De-  
4 partment of Defense for purposes of 3554(a)(3) of  
5 title 44 and section 2224 of this title; and

6               “(2) in coordination with the Chief Manage-  
7 ment Officer of the Department of Defense, is the  
8 Chief Information Officer of the Department of De-  
9 fense for purposes of section 11315 of title 40 and  
10 section 2223 of this title.

11       “(d) PRINCIPAL CYBER ADVISOR.—In addition to  
12 any other duties under this section, the Chief Information  
13 Warfare Officer shall serve as Principal Cyber Advisor  
14 under section 932(c) of the National Defense Authoriza-  
15 tion Act for Fiscal Year 2014 (10 U.S.C. 2224 note).

16       “(e) PRINCIPAL DEPARTMENT OF DEFENSE SPACE  
17 ADVISOR.—In addition to any other duties under this sec-  
18 tion, the Chief Information Warfare Officer shall perform  
19 the duties of the Principal Department of Defense Space  
20 Advisor in accordance with Department of Defense Direc-  
21 tive 5100.96 and any succeeding directive.

22       “(f) COLLABORATIVE MECHANISMS.—(1) The Sec-  
23 retary of Defense shall establish collaboration mechanisms  
24 between the Chief Information Warfare Officer and the  
25 Under Secretary of Defense for Intelligence, the Under

1 Secretary of Defense for Policy, the Chairman of the Joint  
2 Chiefs of Staff, and the Assistant Secretary of Defense  
3 for Public Affairs for purposes of developing and over-  
4 seeing the execution of offensive and defensive information  
5 warfare strategies, plans, programs, and operations.

6 “(2) The strategies, plans, programs and operations  
7 shall appropriately integrate cyber, electronic, and electro-  
8 magnetic spectrum warfare, military deception, military  
9 information support operations, and public affairs to con-  
10 duct, counter, and deter information warfare

11 “(g) PRECEDENCE IN DOD.—(1) The Chief Informa-  
12 tion Warfare Officer shall take precedence in the Depart-  
13 ment of Defense with the officials serving in positions  
14 specified in section 131(b)(2) of this title.

15 “(2) The officials serving in positions specified in  
16 such section and the Chief Information Warfare Officer  
17 take precedence among themselves in the order prescribed  
18 by the Secretary.”.

19 (2) CLERICAL AMENDMENT.—The table of sec-  
20 tions at the beginning of chapter 4 of such title is  
21 amended by striking the item relating to section 142  
22 and inserting the following new item:

“142. Chief Information Warfare Officer.”.

23 (3) EXECUTIVE SCHEDULE LEVEL II.—Section  
24 5313 of title 5, United States Code, is amended by

1 inserting after the item relating to the Deputy Sec-  
2 retary of Defense the following new item:

3 “Chief Information Warfare Officer of the De-  
4 partment of Defense.”.

5 (4) REFERENCES.—Any reference to the Chief  
6 Information Officer of the Department of Defense in  
7 any law, regulation, map, document, record, or other  
8 paper of the United States in that official’s capacity  
9 as the official responsible for the information secu-  
10 rity and information dominance of the Department  
11 of Defense shall be deemed to be a reference to  
12 Chief Information Warfare Officer of the Depart-  
13 ment of Defense.

14 (5) PRINCIPAL CYBER ADVISOR.—Paragraph  
15 (1) of section 932(c) of the National Defense Au-  
16 thorization Act for Fiscal Year 2014 (Public Law  
17 113–66; 127 Stat. 829; 10 U.S.C. 2224 note) is  
18 amended to read as follows:

19 “(1) IN GENERAL.—The Chief Information  
20 Warfare Officer of the Department of Defense under  
21 section 142 of title 10, United States Code, shall  
22 serve as the Principal Cyber Advisor to act as the  
23 principal advisor to the Secretary on military cyber  
24 forces and activities.”.

1           (6) STANDARDS FOR NETWORKS.—A military  
2 department may not develop or procure a network  
3 that does not fully comply with such standards as  
4 the Chief Information Warfare Officer under section  
5 142 of title 10, United States Code (as amended by  
6 paragraph (1)), may establish relating to a matter  
7 described in subsection (b) of such section.

8           (7) ALTERNATIVE PROPOSAL.—Not later than  
9 March 1, 2018, the Secretary of Defense shall sub-  
10 mit to the congressional defense committees a pro-  
11 posal for such alternatives or modifications to the  
12 realignment of responsibilities required by section  
13 142 of title 10, United States Code (as so amended),  
14 as the Secretary considers appropriate, together with  
15 an implementation plan for such proposal. The pro-  
16 posal may not be carried out unless approved by  
17 statute.

18           (8) QUARTERLY BRIEFING ON IMPLEMENTA-  
19 TION.—Not later than January 30, 2018, and every  
20 90 days thereafter through January 1, 2019, the  
21 Secretary shall provide to the congressional defense  
22 committees a briefing on the status of the implemen-  
23 tation of the Chief Information Warfare Officer of  
24 the Department of Defense under section 142 of

1 title 10, United States Code (as so amended), during  
2 the preceding 90 days.

3 (9) EFFECTIVE DATE.—

4 (A) IN GENERAL.—Except as provided in  
5 subparagraph (B), this subsection and the  
6 amendments made by this subsection shall take  
7 effect on January 1, 2019.

8 (B) INTERIM MATTERS.—Paragraphs (7)  
9 and (8) of this subsection shall take effect on  
10 the date of the enactment of this Act.

11 **SEC. 903. CLARIFICATION OF AUTHORITY OF UNDER SEC-**  
12 **RETARY OF DEFENSE FOR ACQUISITION AND**  
13 **SUSTAINMENT WITH RESPECT TO SERVICE**  
14 **ACQUISITION PROGRAMS FOR WHICH THE**  
15 **SERVICE ACQUISITION EXECUTIVE IS THE**  
16 **MILESTONE DECISION AUTHORITY.**

17 Effective on February 1, 2018, and immediately after  
18 the coming into effect of the amendment made by section  
19 901(b) of the National Defense Authorization Act for Fis-  
20 cal Year 2017 (Public Law 114–328), subsection (b)(6)  
21 of section 133b of title 10, United States Code, as added  
22 by such section 901(b), is amended by striking “super-  
23 visory authority” and inserting “advisory authority”.

1 **SEC. 904. EXECUTIVE SCHEDULE MATTERS RELATING TO**  
2 **UNDER SECRETARY OF DEFENSE FOR ACQUI-**  
3 **SITION AND SUSTAINMENT.**

4 (a) INAPPLICABILITY OF PENDING AMENDMENT.—  
5 The amendment to be made by section 901(h) of the Na-  
6 tional Defense Authorization Act for Fiscal Year 2017  
7 (Public Law 114–328; 130 Stat. 2342) with regard to the  
8 Under Secretary of Defense for Acquisition and  
9 Sustainment shall not be made.

10 (b) EXECUTIVE SCHEDULE LEVEL III.—Effective on  
11 February 1, 2018, section 5314 of title 5, United States  
12 Code, is amended by inserting before the item relating to  
13 the Under Secretary of Defense for Policy the following:  
14 “Under Secretary of Defense for Acquisition  
15 and Sustainment.”.

16 **SEC. 905. TECHNICAL AMENDMENT.**

17 Section 901(a) of the National Defense Authorization  
18 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
19 2339; 10 U.S.C. 133a note) is amended—

20 (1) by striking “RESEARCH AND ENGINEER-  
21 ING.—” and all that follows through “Effective on  
22 February 1, 2018” and inserting “RESEARCH AND  
23 ENGINEERING.—Effective on February 1, 2018”;  
24 and

25 (2) by striking paragraph (2).

1 **SEC. 906. REDESIGNATION OF UNDER SECRETARY OF DE-**  
2 **FENSE FOR PERSONNEL AND READINESS AS**  
3 **UNDER SECRETARY OF DEFENSE FOR PER-**  
4 **SONNEL AND HEALTH.**

5 (a) REDESIGNATION.—

6 (1) IN GENERAL.—Section 136 of title 10,  
7 United States Code, is amended by striking “and  
8 Readiness” each place it appears and inserting “and  
9 Health”.

10 (2) HEADING AMENDMENT.—The heading of  
11 such section is amended to read as follows:

12 **“§ 136. Under Secretary of Defense for Personnel and**  
13 **Health”.**

14 (3) CLERICAL AMENDMENT.—The table of sec-  
15 tions at the beginning of chapter 4 of such title is  
16 amended by striking the item relating to section 136  
17 and inserting the following new item:

“136. Under Secretary of Defense for Personnel and Health.”.

18 (b) CONFORMING AMENDMENTS.—

19 (1) TITLE 10.—

20 (A) Subparagraph (D) of section 131(b)(2)  
21 of title 10, United States Code, is amended to  
22 read as follows:

23 “(D) The Under Secretary of Defense for  
24 Personnel and Health.”.

1 (B) Section 137(e) of such title is amended  
2 by striking “and Readiness” and inserting “and  
3 Health”.

4 (2) EXECUTIVE SCHEDULE LEVEL III.—Section  
5 5314 of title 5, United States Code, is amended by  
6 striking the item relating to the Under Secretary of  
7 Defense for Personnel and Readiness and inserting  
8 the following new item:  
9 “Under Secretary of Defense for Personnel and  
10 Health.”.

11 (c) REFERENCES.—Any reference to the Under Sec-  
12 retary of Defense for Personnel and Readiness in any law,  
13 regulation, map, document, record, or other paper of the  
14 United States shall be deemed to be a reference to the  
15 Under Secretary of Defense for Personnel and Health.

16 **SEC. 907. QUALIFICATIONS FOR APPOINTMENT AND ADDI-**  
17 **TIONAL DUTIES AND POWERS OF CERTAIN**  
18 **OFFICIALS WITHIN THE OFFICE OF THE**  
19 **UNDER SECRETARY OF DEFENSE (COMP-**  
20 **TROLLER).**

21 (a) UNDER SECRETARY OF DEFENSE (COMP-  
22 TROLLER).—

23 (1) QUALIFICATION FOR APPOINTMENT.—Sub-  
24 section (a) of section 135 of title 10, United States  
25 Code, is amended—

1 (A) by inserting “(1)” after “(a)”; and

2 (B) by adding at the end the following new  
3 paragraph:

4 “(2)(A) Any individual appointed as Under Secretary  
5 of Defense (Comptroller) shall be an individual who—

6 “(i) has significant financial management serv-  
7 ice in—

8 “(I) a Federal or State agency that re-  
9 ceived an audit with an unqualified opinion on  
10 such agency’s financial statements during the  
11 time of such individual’s service; or

12 “(II) a public company that received an  
13 audit with an unqualified opinion on such com-  
14 pany’s financial statements during the time of  
15 such individual’s service; or

16 “(ii) has served as chief financial officer, deputy  
17 chief financial officer, or an equivalent executive-  
18 level position with direct authority for financial man-  
19 agement in a large public or private sector organiza-  
20 tion.

21 “(B) In this paragraph, the term ‘public company’  
22 has the meaning given the term ‘issuer’ in section 2(7)  
23 of the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”.

24 (2) DUTIES AND POWERS.—Such section is fur-  
25 ther amended—

1 (A) by redesignating subsections (d) and  
2 (e) as subsections (e) and (f), respectively; and

3 (B) by inserting after subsection (c) the  
4 following new subsection (d):

5 “(d) In addition to any duties under subsection (c),  
6 the Under Secretary of Defense (Comptroller) shall, sub-  
7 ject to the authority, direction, and control of the Sec-  
8 retary of Defense, do the following:

9 “(1) Provide guidance and instruction on an-  
10 nual performance plans and evaluations to the fol-  
11 lowing:

12 “(A) The Assistant Secretaries of the mili-  
13 tary departments for financial management.

14 “(B) Any other official of an agency, orga-  
15 nization, or element of the Department of De-  
16 fense with responsibility for financial manage-  
17 ment.

18 “(2) Give directions to the military depart-  
19 ments, Defense Agencies, and other organizations  
20 and elements of the Department of Defense regard-  
21 ing their financial statements and the audit and  
22 audit readiness of such financial statements.”.

23 (b) DEPUTY CHIEF FINANCIAL OFFICER.—

24 (1) QUALIFICATION FOR APPOINTMENT.—Any  
25 individual appointed as Deputy Chief Financial Offi-

1 cer of the Department of Defense shall be an indi-  
2 vidual who—

3 (A) has significant financial management  
4 service in—

5 (i) a Federal or State agency that re-  
6 ceived an audit with an unqualified opinion  
7 on such agency’s financial statements dur-  
8 ing the time of such individual’s service; or

9 (ii) a public company that received an  
10 audit with an unqualified opinion on such  
11 company’s financial statements during the  
12 time of such individual’s service; or

13 (B) has served as chief financial officer,  
14 deputy chief financial officer, or an equivalent  
15 executive-level position with direct authority for  
16 financial management in a large public or pri-  
17 vate sector organization.

18 (2) PUBLIC COMPANY DEFINED.—In this sub-  
19 section, the term “public company” has the meaning  
20 given the term “issuer” in section 2(7) of the Sar-  
21 banes-Oxley Act of 2002 (15 U.S.C. 7201(7)).

22 (c) APPLICABILITY.—This section and the amend-  
23 ments made by this section shall take effect on the date  
24 of the enactment of this Act, and shall apply with respect  
25 to appointments that are made on or after that date.

1 **SEC. 908. FIVE-YEAR PERIOD OF RELIEF FROM ACTIVE**  
2 **DUTY AS A COMMISSIONED OFFICER OF A**  
3 **REGULAR COMPONENT OF THE ARMED**  
4 **FORCES FOR APPOINTMENT TO UNDER SEC-**  
5 **RETARY OF DEFENSE POSITIONS.**

6 (a) UNDER SECRETARY OF DEFENSE FOR RE-  
7 SEARCH AND ENGINEERING.—Effective on February 1,  
8 2018, and immediately after the coming into effect of the  
9 amendments made by subsection (a) of the National De-  
10 fense Authorization Act for Fiscal Year 2017 (130 Stat.  
11 2339), section 133a(a) of title 10, United States Code (as  
12 added by such subsection (a)), is amended by striking  
13 “seven years” and inserting “five years”.

14 (b) UNDER SECRETARY OF DEFENSE FOR ACQUI-  
15 TION AND SUSTAINMENT.—Effective on February 1,  
16 2018, and immediately after the coming into effect of the  
17 amendments made by subsection (b) of the National De-  
18 fense Authorization Act for Fiscal Year 2017 (130 Stat.  
19 2340), section 133b(a) of title 10, United States Code (as  
20 added by such subsection (b)), is amended by striking  
21 “seven years” and inserting “five years”.

22 (c) UNDER SECRETARY OF DEFENSE FOR POLICY.—  
23 Section 134(a) of title 10, United States Code, is amended  
24 by striking “seven years” and inserting “five years”.

25 (d) UNDER SECRETARY OF DEFENSE (COMP-  
26 TROLLER).—Section 135(a) of such title is amended by

1 adding at the end the following new sentence: “A person  
2 may not be appointed as Under Secretary within five years  
3 after relief from active duty as a commissioned officer of  
4 a regular component of the armed forces.”.

5 (e) UNDER SECRETARY OF DEFENSE FOR PER-  
6 SONNEL AND HEALTH.—Subsection (a) of section 136 of  
7 such title, as amended by section 906(a) of this Act, is  
8 further amended by adding at the end the following new  
9 sentence: “A person may not be appointed as Under Sec-  
10 retary within five years after relief from active duty as  
11 a commissioned officer of a regular component of the  
12 armed forces.”.

13 (f) UNDER SECRETARY OF DEFENSE FOR INTEL-  
14 LIGENCE.—Section 137(a) of such title is amended by  
15 adding at the end the following new sentence: “A person  
16 may not be appointed as Under Secretary within five years  
17 after relief from active duty as a commissioned officer of  
18 a regular component of the armed forces.”.

19 **SEC. 909. REDESIGNATION OF PRINCIPAL DEPUTY UNDER**  
20 **SECRETARIES OF DEFENSE AS DEPUTY**  
21 **UNDER SECRETARIES OF DEFENSE AND RE-**  
22 **LATED MATTERS.**

23 (a) REDESIGNATION.—Section 137a of title 10,  
24 United States Code, is amended by striking “Principal”  
25 each place it appears.

1           (b) INCREASE IN AUTHORIZED NUMBER.—Sub-  
2 section (a)(1) of such section is amended by striking  
3 “five” and inserting “six”.

4           (c) REPLACEMENT OF ATL POSITION WITH TWO  
5 POSITIONS IN CONNECTION WITH OSD REFORM.—Sub-  
6 section (c) of such section is amended—

7                 (1) by redesignating paragraphs (2) through  
8                 (5) as paragraphs (3) through (6), respectively; and

9                 (2) by striking paragraph (1) and inserting the  
10                following new paragraphs:

11                “(1) One of the Deputy Under Secretaries is the Dep-  
12                uty Under Secretary of Defense for Research and Engi-  
13                neering.

14                “(2) One of the Deputy Under Secretaries is the Dep-  
15                uty Under Secretary of Defense for Acquisition and  
16                Sustainment.”.

17           (d) REDESIGNATION OF DUSD FOR PERSONNEL  
18 AND READINESS AS DUSD FOR PERSONNEL AND  
19 HEALTH.—Paragraph (4) of subsection (c) of such sec-  
20 tion, as amended and redesignated by this section, is fur-  
21 ther amended by striking “Personnel and Readiness” and  
22 inserting “Personnel and Health”.

23           (e) CONFORMING AMENDMENTS.—

1           (1) OSD.—Paragraph (6) of section 131(b) of  
2 title 10, United States Code, is amended to read as  
3 follows:

4           “(6) The Deputy Under Secretaries of De-  
5 fense.”.

6           (2) PRECEDENCE.—Section 138(d) of such title  
7 is amended by striking “Principal”.

8 (f) EXECUTIVE SCHEDULE LEVEL IV.—

9           (1) IN GENERAL.—Section 5315 of title 5,  
10 United States Code, is amended—

11           (A) by striking “Principal” in the items re-  
12 lating to the Principal Deputy Under Secretary  
13 of Defense for Policy, the Principal Deputy  
14 Under Secretary of Defense (Comptroller), and  
15 the Principal Deputy Under Secretary of De-  
16 fense for Intelligence; and

17           (B) by striking the item relating to the  
18 Principal Deputy Under Secretary of Defense  
19 for Personnel and Readiness and inserting the  
20 following new item:

21           “Deputy Under Secretary of Defense for Per-  
22 sonnel and Health.”.

23           (2) OSD REFORM.—Section 5315 of such title  
24 is further amended by inserting before the item re-  
25 lating to the Deputy Under Secretary of Defense for

1 Policy, as amended by paragraph (1)(A), the fol-  
2 lowing new items:

3 “Deputy Under Secretary of Defense for Re-  
4 search and Engineering.

5 “Deputy Under Secretary of Defense for Acqui-  
6 sition and Sustainment.”.

7 (g) CLERICAL AMENDMENTS.—

8 (1) HEADING AMENDMENT.—The heading of  
9 section 137a of such title is amended to read as fol-  
10 lows:

11 **“§ 137a. Deputy Under Secretaries of Defense”.**

12 (2) CLERICAL AMENDMENT.—The table of sec-  
13 tions at the beginning of chapter 4 of such title is  
14 amended by striking the item relating to section  
15 137a and inserting the following new item:

“137a. Deputy Under Secretaries of Defense.”.

16 (h) EFFECTIVE DATES.—

17 (1) IN GENERAL.—Except as provided in para-  
18 graph (2), the amendments made by this section  
19 shall take effect on the date of the enactment of this  
20 Act.

21 (2) ATL POSITION AMENDMENTS.—The amend-  
22 ments made by subsections (b), (c), and (f)(2) of  
23 this section shall take effect on February 1, 2018,  
24 immediately after the coming into effect of the  
25 amendments made by subsections (a) and (b) of sec-

1       tion 901 of the National Defense Authorization Act  
2       for Fiscal Year 2017 (Public Law 114–328; 130  
3       Stat. 2339), to which the amendments made by sub-  
4       sections (b), (c), and (f)(2) of this section relate.

5   **SEC. 910. REDUCTION OF NUMBER AND ELIMINATION OF**  
6                   **SPECIFIC DESIGNATIONS OF ASSISTANT SEC-**  
7                   **RETARIES OF DEFENSE.**

8       (a) REDUCTION OF AUTHORIZED NUMBER.—Sub-  
9       section (a)(1) of section 138 of title 10, United States  
10      Code, is amended by striking “14” and inserting “13”.

11      (b) ELIMINATION OF CERTAIN SPECIFIC DESIGNA-  
12      TIONS.—Subsection (b) of such section is amended—

13           (1) by striking paragraphs (2), (3), and (5);  
14      and

15           (2) by redesignating paragraphs (4) and (6) as  
16      paragraphs (2) and (3), respectively.

17   **SEC. 911. LIMITATION ON MAXIMUM NUMBER OF DEPUTY**  
18                   **ASSISTANT SECRETARIES OF DEFENSE.**

19      The maximum number of Deputy Assistant Secre-  
20      taries of Defense after the date of the enactment of this  
21      Act may not exceed 46.

1 **SEC. 912. MODIFICATION OF DEFINITION OF OSD PER-**  
2 **SONNEL FOR PURPOSES OF LIMITATION ON**  
3 **NUMBER OF OFFICE OF SECRETARY OF DE-**  
4 **FENSE PERSONNEL.**

5 (a) MODIFICATION.—

6 (1) IN GENERAL.—Section 143(b) of title 10,  
7 United States Code, as amended by section 903(a)  
8 of the National Defense Authorization Act for Fiscal  
9 Year 2017 (Public Law 114–328), is further amend-  
10 ed by striking “and detailed personnel” and insert-  
11 ing “detailed, and contractor personnel”.

12 (2) EFFECTIVE DATE.—The amendment made  
13 by paragraph (1) shall take effect on October 1,  
14 2018.

15 (b) REPORT ON NUMBER OF CONTRACTOR PER-  
16 SONNEL IN OSD AND EACH SECRETARIATE OF THE MILI-  
17 TARY DEPARTMENTS.—Not later than December 31,  
18 2017, the Secretary of Defense shall submit to the con-  
19 gressional defense committees a report specifying the fol-  
20 lowing:

21 (1) The number of contractor personnel in the  
22 Office of the Secretary of Defense as of October 1,  
23 2017.

24 (2) The number of contractor personnel in each  
25 office of a Secretary of a military department as of  
26 October 1, 2017.

1 **Subtitle B—Organization of Other**  
2 **Department of Defense Offices**  
3 **and Elements**

4 **SEC. 921. REDUCTION IN AUTHORIZED NUMBER OF ASSIST-**  
5 **ANT SECRETARIES OF THE MILITARY DE-**  
6 **PARTMENTS.**

7 (a) ASSISTANT SECRETARIES OF THE ARMY.—Sec-  
8 tion 3016(a) of title 10, United States Code, is amended  
9 by striking “five” and inserting “four”.

10 (b) ASSISTANT SECRETARIES OF THE NAVY.—Sec-  
11 tion 5016(a) of such title is amended by striking “four”  
12 and inserting “three”.

13 (c) ASSISTANT SECRETARIES OF THE AIR FORCE.—  
14 Section 8016(a) of such title is amended by striking  
15 “four” and inserting “three”.

16 **SEC. 922. QUALIFICATIONS FOR APPOINTMENT OF ASSIST-**  
17 **ANT SECRETARIES OF THE MILITARY DE-**  
18 **PARTMENTS FOR FINANCIAL MANAGEMENT.**

19 (a) ASSISTANT SECRETARY OF THE ARMY.—Section  
20 3016(b)(4) of title 10, United States Code, is amended—

21 (1) by inserting “(A)” after “(4)”;

22 (2) by striking “The Assistant Secretary shall  
23 have as his principal responsibility” and inserting  
24 the following:

1 “(C) The principal responsibility of the Assistant Sec-  
2 retary shall be”; and

3 (3) by inserting after subparagraph (A), as des-  
4 igned by paragraph (1), the following new sub-  
5 paragraph (B):

6 “(B)(i) Any individual appointed as Assistant Sec-  
7 retary shall be an individual who—

8 “(I) has significant financial management serv-  
9 ice in—

10 “(aa) a Federal or State agency that re-  
11 ceived an audit with an unqualified opinion on  
12 such agency’s financial statements during the  
13 time of such individual’s service; or

14 “(bb) a public company that received an  
15 audit with an unqualified opinion on such com-  
16 pany’s financial statements during the time of  
17 such individual’s service; or

18 “(II) has served as chief financial officer, dep-  
19 uty chief financial officer, or an equivalent executive-  
20 level position with direct authority for financial man-  
21 agement in a large public or private sector organiza-  
22 tion.

23 “(ii) In this subparagraph, the term ‘public company’  
24 has the meaning given the term ‘issuer’ in section 2(7)  
25 of the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”.

1 (b) ASSISTANT SECRETARY OF THE NAVY.—Section  
2 5016(b)(3) of such title is amended—

3 (1) by inserting “(A)” after “(3)”;

4 (2) by striking “The Assistant Secretary shall  
5 have as his principal responsibility” and inserting  
6 the following:

7 “(C) The principal responsibility of the Assistant Sec-  
8 retary shall be”; and

9 (3) by inserting after subparagraph (A), as des-  
10 ignated by paragraph (1), the following new sub-  
11 paragraph (B):

12 “(B)(i) Any individual appointed as Assistant Sec-  
13 retary shall be an individual who—

14 “(I) has significant financial management serv-  
15 ice in—

16 “(aa) a Federal or State agency that re-  
17 ceived an audit with an unqualified opinion on  
18 such agency’s financial statements during the  
19 time of such individual’s service; or

20 “(bb) a public company that received an  
21 audit with an unqualified opinion on such com-  
22 pany’s financial statements during the time of  
23 such individual’s service; or

24 “(II) has served as chief financial officer, dep-  
25 uty chief financial officer, or an equivalent executive-

1 level position with direct authority for financial man-  
2 agement in a large public or private sector organiza-  
3 tion.

4 “(ii) In this subparagraph, the term ‘public company’  
5 has the meaning given the term ‘issuer’ in section 2(7)  
6 of the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”.

7 (c) ASSISTANT SECRETARY OF THE AIR FORCE.—  
8 Section 8016(b)(3) of such title is amended—

9 (1) by inserting “(A)” after “(3)”;

10 (2) by striking “The Assistant Secretary shall  
11 have as his principal responsibility” and inserting  
12 the following:

13 “(C) The principal responsibility of the Assistant Sec-  
14 retary shall be”; and

15 (3) by inserting after subparagraph (A), as des-  
16 igned by paragraph (1), the following new sub-  
17 paragraph (B):

18 “(B)(i) Any individual appointed as Assistant Sec-  
19 retary shall be an individual who—

20 “(I) has significant financial management serv-  
21 ice in—

22 “(aa) a Federal or State agency that re-  
23 ceived an audit with an unqualified opinion on  
24 such agency’s financial statements during the  
25 time of such individual’s service; or

1           “(bb) a public company that received an  
2           audit with an unqualified opinion on such com-  
3           pany’s financial statements during the time of  
4           such individual’s service; or

5           “(II) has served as chief financial officer, dep-  
6           uty chief financial officer, or an equivalent executive-  
7           level position with direct authority for financial man-  
8           agement in a large public or private sector organiza-  
9           tion.

10          “(ii) In this subparagraph, the term ‘public company’  
11         has the meaning given the term ‘issuer’ in section 2(7)  
12         of the Sarbanes-Oxley Act of 2002 (15 U.S.C. 7201(7)).”.

13          (d) APPLICABILITY.—The amendments made by this  
14         section shall take effect on the date of the enactment of  
15         this Act, and shall apply with respect to appointments that  
16         are made on or after that date.

17         **Subtitle C—Organization and Man-**  
18         **agement of the Department of**  
19         **Defense Generally**

20         **SEC. 931. REDUCTION IN LIMITATION ON NUMBER OF DE-**  
21         **PARTMENT OF DEFENSE SES POSITIONS.**

22                 Section 1109(a)(1) of the National Defense Author-  
23         ization Act for Fiscal Year 2017 (Public Law 114–328)  
24         is amended by striking “1,260” and inserting “1,140”.

1 **SEC. 932. MANNER OF CARRYING OUT REDUCTIONS IN**  
2 **MAJOR DEPARTMENT OF DEFENSE HEAD-**  
3 **QUARTERS ACTIVITIES.**

4 Section 346(b) of the National Defense Authorization  
5 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.  
6 796; 10 U.S.C. 111 note) is amended by adding at the  
7 end the following new paragraph:

8 “(5) MANNER OF CARRYING OUT REDUC-  
9 TIONS.—Reductions in major Department of De-  
10 fense headquarters activities pursuant to the head-  
11 quarters reduction plan referred to in paragraph (1),  
12 as modified pursuant to that paragraph, shall be  
13 carried out after a consideration of the current man-  
14 power levels, historic manpower levels, mission re-  
15 quirements, and anticipated staffing needs of such  
16 headquarters activities necessary to meet national  
17 defense objectives. Further, the plan required by  
18 subsection (a) shall be modified to take into account  
19 the requirement in the preceding sentence.”.

20 **SEC. 933. CERTIFICATIONS ON COST SAVINGS ACHIEVED BY**  
21 **REDUCTIONS IN MAJOR DEPARTMENT OF DE-**  
22 **FENSE HEADQUARTERS ACTIVITIES.**

23 Section 346(b) of the National Defense Authorization  
24 Act for Fiscal Year 2016 (Public Law 114–92; 129 Stat.  
25 796 10 U.S.C. 111 note), as amended by section 932 of

1 this Act, is further amended by adding at the end the fol-  
 2 lowing new paragraph:

3           “(6) CERTIFICATIONS ON COST SAVINGS  
 4           ACHIEVED.—Not later than 60 days after close of  
 5           each of fiscal years 2017 through 2020, the Director  
 6           of Cost Assessment and Program Evaluation shall  
 7           certify to the Secretary of Defense, and to the con-  
 8           gressional defense committees, the following:

9                   “(A) The validity of the cost savings  
 10                   achieved for each major Department of Defense  
 11                   headquarters activity during the fiscal year con-  
 12                   cerned.

13                   “(B) Whether the cost savings achieved for  
 14                   each major Department of Defense head-  
 15                   quarters activity during the fiscal year con-  
 16                   cerned met the savings objective for such activ-  
 17                   ity for such fiscal year, as established pursuant  
 18                   to paragraph (1).”.

19 **SEC. 934. DIRECT HIRE AUTHORITY FOR THE DEPARTMENT**  
 20                   **OF DEFENSE FOR PERSONNEL TO ASSIST IN**  
 21                   **BUSINESS TRANSFORMATION AND MANAGE-**  
 22                   **MENT INNOVATION.**

23           (a) **AUTHORITY.**—The Secretary of Defense may ap-  
 24           point in the Department of Defense individuals described  
 25           in subsection (b) without regard to the provisions of sub-

1 chapter I of chapter 33 of title 5, United States Code,  
2 for the purpose of assisting and facilitating the efforts of  
3 the Department in business transformation and manage-  
4 ment innovation.

5 (b) COVERED INDIVIDUALS.—The individuals de-  
6 scribed in this subsection are individuals who have all of  
7 the following:

8 (1) A management or business background.

9 (2) Experience working with large or complex  
10 organizations.

11 (3) Expertise in management and organiza-  
12 tional change, data analytics, or business process de-  
13 sign.

14 (c) LIMITATION ON NUMBER.—The number of indi-  
15 viduals appointed pursuant to this section at any one time  
16 may not exceed 25 individuals.

17 (d) NATURE OF APPOINTMENT.—Any appointment  
18 under this section shall be on a term basis. The term of  
19 any such appointment shall be specified by the Secretary  
20 at the time of the appointment.

21 **SEC. 935. DATA ANALYTICS CAPABILITY FOR SUPPORT OF**  
22 **ENHANCED OVERSIGHT AND MANAGEMENT**  
23 **OF THE DEFENSE AGENCIES AND DEPART-**  
24 **MENT OF DEFENSE FIELD ACTIVITIES.**

25 (a) DATA ANALYTICS CAPABILITY REQUIRED.—

1           (1) IN GENERAL.—By not later than September  
2           30, 2020, the Deputy Chief Management Officer of  
3           the Department of Defense shall establish and main-  
4           tain within the Department of Defense a data ana-  
5           lytics capability for purposes of supporting enhanced  
6           oversight and management of the Defense Agencies  
7           and Department of Defense Field Activities.

8           (2) DISCHARGE THROUGH SUCCESSOR POSI-  
9           TION.—If the position of Deputy Chief Management  
10          Officer of the Department of Defense is succeeded  
11          by another position in the Department, the duties of  
12          the Deputy Chief Management Officer under this  
13          section shall be discharged by the occupant of such  
14          succeeding position.

15          (b) ELEMENTS.—The data analytics capability shall  
16          permit the following:

17               (1) The maintenance on a continuing basis of  
18               an accurate tabulation of the amounts being ex-  
19               pended by the Defense Agencies and Department of  
20               Defense Field Activities on their personnel.

21               (2) The maintenance on a continuing basis of  
22               an accurate number of the personnel currently sup-  
23               porting the Defense Agencies and Field Activities,  
24               including the following:

1 (A) Members of the regular components of  
2 the Armed Forces.

3 (B) Members of the reserve components of  
4 the Armed Forces.

5 (C) Civilian employees of the Department  
6 of Defense.

7 (D) Employees of contractors of the De-  
8 partment, including federally funded research  
9 and development centers.

10 (E) Detailees, whether from another orga-  
11 nization or element of the Department or from  
12 another department or agency of the Federal  
13 Government.

14 (3) The maintenance of a continuing basis of  
15 the following:

16 (A) An identification of the functions being  
17 performed by each Defense Agency and Field  
18 Activity.

19 (B) An accurate tabulation of the amounts  
20 being expended by each Defense Agency and  
21 Field Activity on its functions.

22 (4) The streamlined assembly and analysis of  
23 data for purposes of the capability, including  
24 through appropriate automated processes.

1 (c) RESOURCES.—In establishing the data analytics  
2 capability, the Deputy Chief Management Officer may use  
3 the following:

4 (1) Data and information from each of the De-  
5 fense Agencies and Department of Defense Field Ac-  
6 tivities.

7 (2) Data and information from the Defense  
8 Manpower Data Center (DMDC).

9 (3) Subject to the direction and control of the  
10 Secretary of Defense, any other resources of the De-  
11 partment the Deputy Chief Management Officer  
12 considers appropriate.

13 (d) REPORTS.—

14 (1) INTERIM REPORT.—Not later than one year  
15 after the date of the enactment of this Act, the Dep-  
16 uty Chief Management Officer shall submit to the  
17 congressional defense committees a report on the  
18 progress of the Deputy Chief Management Officer in  
19 establishing the data analytics capability. The report  
20 shall include the following:

21 (A) A description and assessment of the ef-  
22 forts of the Deputy Chief Management Officer  
23 through the date of the report to establish the  
24 data analytics capability.

1 (B) A description of current gaps in the  
2 data required to establish the data analytics ca-  
3 pability, and a description of the efforts to be  
4 undertaken to eliminate such gaps.

5 (C) Any other matters in connection with  
6 the establishment of the data analytics capa-  
7 bility that the Deputy Chief Management Offi-  
8 cer considers appropriate.

9 (2) FINAL REPORT.—Not later than December  
10 31, 2020, the Deputy Chief Management Officer  
11 shall submit to the congressional defense committees  
12 a report on the data analytics capability as estab-  
13 lished pursuant to this section. The report shall in-  
14 clude the following:

15 (A) A description and assessment of the  
16 data analytics capability.

17 (B) Any other matters in connection with  
18 the data analytics capability that the Deputy  
19 Chief Management Officer considers appro-  
20 priate.

21 **SEC. 936. ENHANCED USE OF DATA ANALYTICS TO IM-**  
22 **PROVE ACQUISITION PROGRAM OUTCOMES.**

23 (a) IN GENERAL.—Not later than one year after the  
24 date of the enactment of this Act, the Secretary of Defense  
25 shall, acting jointly through the Deputy Chief Manage-

1 ment Officer and the Chief Information Officer of the De-  
2 partment of Defense, and in coordination with the Under  
3 Secretary of Defense for Acquisition, Technology, and Lo-  
4 gistics and the Armed Forces, establish a set of activities  
5 that use data analysis, measurement, and other evalua-  
6 tion-related methods to improve the acquisition outcomes  
7 of the Department of Defense and enhance organizational  
8 learning.

9 (b) ACTIVITIES.—

10 (1) IN GENERAL.—The set of activities estab-  
11 lished under subsection (a) may include the fol-  
12 lowing:

13 (A) Establishment of data analytics capa-  
14 bilities and organizations within the appropriate  
15 military service.

16 (B) Development of capabilities in Depart-  
17 ment of Defense laboratories, test centers, and  
18 Federally funded research and development cen-  
19 ters to provide technical support for data ana-  
20 lytics activities that support acquisition pro-  
21 gram management and business process re-en-  
22 gineering activities.

23 (C) Increased use of existing analytical ca-  
24 pabilities available to acquisition programs and

1 offices to support improved acquisition out-  
2 comes.

3 (D) Funding of intramural and extramural  
4 research and development activities to develop  
5 and implement data analytics capabilities in  
6 support of improved acquisition outcomes.

7 (E) Publication, to the maximum extent  
8 practicable, and in a manner that protects clas-  
9 sified and proprietary information, of data col-  
10 lected by the Department related to acquisition  
11 program costs and activities for access and  
12 analyses by the general public.

13 (F) Clarification by the Chief of Staff of  
14 the Army, the Chief of Naval Operations, the  
15 Chief of Staff of the Air Force, and the Com-  
16 mandant of the Marine Corps, in coordination  
17 with the Under Secretary of Defense for Acqui-  
18 sition, Technology, and Logistics, of a con-  
19 sistent policy as to the role of data analytics in  
20 establishing budgets and making milestone deci-  
21 sions for major defense acquisition programs.

22 (G) Continual assessment, in consultation  
23 with the private sector, of the efficiency of cur-  
24 rent data collection and analyses processes, so  
25 as to minimize the requirement for collection

1 and delivery of data by, from, and to govern-  
2 ment organizations.

3 (H) Promulgation of guidance to acquisi-  
4 tion programs and activities on the efficient use  
5 and sharing of data between programs and or-  
6 ganizations to improve acquisition program  
7 analytics and outcomes.

8 (I) Promulgation of guidance on assessing  
9 and enhancing quality of data and data anal-  
10 yses to support improved acquisition outcomes.

11 (2) GAP ANALYSIS OF CURRENT ACTIVITIES.—

12 The Secretary shall, in coordination with the Armed  
13 Forces, identify the current activities, organizations,  
14 and groups of personnel that are pursuing tasks  
15 similar to those described in paragraph (1) that are  
16 being carried out as of the date of the enactment of  
17 this Act. The Secretary shall consider such current  
18 activities, organizations, and personnel in deter-  
19 mining the set of activities to establish pursuant to  
20 subsection (a).

21 (3) TRAINING AND EDUCATION.—The Secretary  
22 shall, acting through the Under Secretary of De-  
23 fense for Acquisition, Technology, and Logistics,  
24 conduct a review of the curriculum taught at the  
25 National Defense University, the Defense Acquisi-

1       tion University, and appropriate private sector aca-  
2       demic institutions to determine the extent to which  
3       the curricula include appropriate courses on data  
4       analytics and other evaluation-related methods and  
5       their application to defense acquisitions.

6       (c) DISCHARGE OF CERTAIN DUTIES.—After Janu-  
7       ary 31, 2018—

8             (1) any duties under this section to be dis-  
9       charged by the Deputy Chief Management Officer of  
10       the Department of Defense shall be discharged by  
11       the Chief Management Officer of the Department of  
12       Defense; and

13            (2) any duties under this section to be dis-  
14       charged by the Under Secretary of Defense for Ac-  
15       quisition, Technology, and Logistics shall be dis-  
16       charged by the Under Secretary of Defense for Ac-  
17       quisition and Sustainment.

18       **SEC. 937. PILOT PROGRAMS ON DATA INTEGRATION STRAT-**  
19                               **EGIES FOR THE DEPARTMENT OF DEFENSE.**

20       (a) PILOT PROGRAMS REQUIRED.—The Secretary of  
21       Defense shall, acting through the Chief Management Offi-  
22       cer of the Department of Defense, carry out pilot pro-  
23       grams to develop data integration strategies for the De-  
24       partment of Defense to address high-priority challenges  
25       of the Department.

1 (b) SCOPE OF PILOT PROGRAMS.—The pilot pro-  
2 grams required by subsection (a) shall involve data inte-  
3 gration strategies to address challenges of the Department  
4 with respect to the following:

5 (1) The budget of the Department.

6 (2) Logistics.

7 (3) Personnel security and insider threats.

8 (4) At least two other high-priority challenges  
9 of the Department identified by the Secretary for  
10 purposes of this section.

11 (c) ELEMENTS.—In developing a data integration  
12 strategy to address a challenge of the Department for pur-  
13 poses of a pilot program under this section, the Secretary  
14 shall do the following:

15 (1) Identify the elements of the Department,  
16 and the officials of such elements, to be involved in  
17 carrying out the data integration strategy.

18 (2) Specify the elements of the data integration  
19 strategy.

20 (3) Specify the policies of the Department, if  
21 any, to be modified or waived in order to facilitate  
22 the carrying out of the data integration strategy by  
23 enabling timely and continuous sharing of informa-  
24 tion needed to solve the challenge concerned.

25 (d) REPORT.—

1           (1) IN GENERAL.—Not later than 180 days  
2 after the date of the enactment of this Act, the Sec-  
3 retary shall submit to the congressional defense com-  
4 mittees a report on the pilot programs to be carried  
5 out under this section.

6           (2) ELEMENTS.—The report shall include the  
7 following:

8           (A) A description of each pilot program,  
9 including the challenge of the Department to be  
10 addressed by such pilot program and the man-  
11 ner in which the data integration strategy  
12 under such pilot program will address the chal-  
13 lenge.

14           (B) If the carrying out of any pilot pro-  
15 gram requires legislative action for the waiver  
16 or modification of a statutory requirement that  
17 prevents or impedes the carrying out of the  
18 pilot program, a recommendation for legislative  
19 action to waive or modify such statutory re-  
20 quirement.

21 **SEC. 938. BACKGROUND AND SECURITY INVESTIGATIONS**

22 **FOR DEPARTMENT OF DEFENSE PERSONNEL.**

23           (a) TRANSITION TO DISCHARGE BY DEFENSE SEC-  
24 RITY SERVICE.—

1           (1) IN GENERAL.—The Secretary of Defense  
2           has the authority to conduct security, suitability,  
3           and credentialing background investigations. In car-  
4           rying out such authority, the Secretary may use  
5           such authority, or may delegate such authority to  
6           another entity. As part of providing for the conduct  
7           of background investigations initiated by the Depart-  
8           ment of Defense through the Defense Security Serv-  
9           ice by not later than the deadline specified in sub-  
10          section (b), the Secretary shall, in consultation with  
11          the Director of the Office of Personnel Management,  
12          provide for a phased transition from the conduct of  
13          such investigations by the National Background In-  
14          vestigations Bureau (NBIB) of the Office of Per-  
15          sonnel Management to the conduct of such investiga-  
16          tions by the Defense Security Service by that dead-  
17          line.

18          (2) PHASED TRANSITION.—The phased transi-  
19          tion required by paragraph (1) shall—

20                 (A) provide for the transition of the con-  
21                 duct of investigations to the Defense Security  
22                 Service using a risk management approach; and

23                 (B) be consistent with the transition from  
24                 legacy information technology operated by the  
25                 Office of Personnel Management to the new in-

1           formation technology, including the National  
2           Background Investigations System, as described  
3           in subsection (f).

4           (b) COMMENCEMENT OF IMPLEMENTATION PLAN  
5           FOR ONGOING DISCHARGE OF INVESTIGATIONS THROUGH  
6           DSS.—Not later than October 1, 2020, the Secretary of  
7           Defense shall commence carrying out the implementation  
8           plan developed pursuant to section 951(a)(1) of the Na-  
9           tional Defense Authorization Act for Fiscal Year 2017  
10          (Public Law 114–328; 130 Stat. 2371).

11          (c) TRANSFER OF CERTAIN FUNCTIONS WITHIN  
12          DoD TO DSS.—

13           (1) IN GENERAL.—For purposes of meeting the  
14           requirements in subsections (a) and (b), the Sec-  
15           retary of Defense shall transfer the functions, per-  
16           sonnel, and associated resources of the organizations  
17           specified in paragraph (2) to the Defense Security  
18           Service.

19           (2) ORGANIZATIONS.—The organizations speci-  
20           fied in this paragraph are the following:

21           (A) The Consolidated Adjudications Facil-  
22           ity.

23           (B) The Personnel Security Assurance Di-  
24           vision of the Defense Manpower Data Center.

1           (C) Other organizations identified by the  
2           Secretary for purposes of this subsection.

3           (3) SUPPORTING ORGANIZATIONS.—In addition  
4           to the organizations identified pursuant to (2), the  
5           following organizations shall prioritize resources to  
6           directly support the execution of requirements in  
7           subsections (a) and (b):

8           (A) The Office of Cost Analysis and Pro-  
9           gram Evaluation.

10          (B) The Defense Digital Services.

11          (C) Other organizations designated by the  
12          Secretary for purposes of this paragraph.

13          (4) TIMING AND MANNER OF TRANSFER.—The  
14          Secretary—

15                (A) may carry out the transfer required by  
16                paragraph (1) at any time before the date spec-  
17                ified in subsection (b) that the Secretary con-  
18                siders appropriate for purposes of this section;  
19                and

20                (B) shall carry out the transfer in a man-  
21                ner designed to minimize disruptions to the  
22                conduct of background investigations for per-  
23                sonnel of the Department of Defense.

24          (d) TRANSFER OF CERTAIN FUNCTIONS IN OPM TO  
25          DSS.—

1           (1) IN GENERAL.—For purposes of meeting the  
2 requirements in subsections (a) and (b), the Sec-  
3 retary of Defense shall, in consultation with the Di-  
4 rector of the Office of Personnel Management, pro-  
5 vide for the transfer of the functions described in  
6 paragraph (2), and any associated personnel and re-  
7 sources, to the Department of Defense.

8           (2) FUNCTIONS.—The functions described in  
9 this paragraph are the following:

10           (A) Any personnel security investigations  
11 functions transferred by the Secretary to the  
12 Director pursuant to section 906 of the Na-  
13 tional Defense Authorization Act for Fiscal  
14 Year 2004 (5 U.S.C. 1101 note).

15           (B) Any other functions of the Office of  
16 Personnel Management in connection with  
17 background investigations initiated by the De-  
18 partment of Defense that the Secretary and the  
19 Director jointly consider appropriate.

20           (3) LOCATION WITHIN DOD.—Any functions  
21 transferred to the Department pursuant to this sub-  
22 section shall be located within the Defense Security  
23 Service.

24           (e) CONDUCT OF CERTAIN ACTIONS.—For purposes  
25 of the conduct of background investigations following the

1 commencement of the carrying out of the implementation  
2 plan referred to in subsection (b), the Secretary of Defense  
3 shall provide for the following:

4 (1) A single capability for the centralized fund-  
5 ing, submissions, and processing of all background  
6 investigations, from within the Defense Security  
7 Service.

8 (2) The discharge by the Consolidated Adju-  
9 dications Facility, from within the Defense Security  
10 Service pursuant to transfer under subsection (c), of  
11 adjudications in connection with the following:

12 (A) Background investigations.

13 (B) Continuous evaluation and vetting  
14 checks.

15 (f) ENHANCEMENT OF INFORMATION TECHNOLOGY  
16 CAPABILITIES OF NBIS.—

17 (1) IN GENERAL.—The Secretary of Defense  
18 shall, in consultation with the Director of the Office  
19 of Personnel Management, conduct a review of the  
20 information technology capabilities of the National  
21 Background Investigations System (NBIS) in order  
22 to determine whether enhancements to such capabili-  
23 ties are required for the following:

24 (A) Support for background investigations  
25 pursuant to this section and section 951 of the

1 National Defense Authorization Act for Fiscal  
2 Year 2017.

3 (B) Support of the National Background  
4 Investigations Bureau.

5 (C) Execution of the conduct of back-  
6 ground investigations initiated by the Depart-  
7 ment of Defense pursuant to this section, in-  
8 cluding submissions and adjudications.

9 (2) COMMON COMPONENT.—In providing for  
10 the transition and operation of the System as de-  
11 scribed in paragraph (1)(C), the Secretary shall, in  
12 consultation with the Director, develop a common  
13 component of the System usable for background in-  
14 vestigations by both the Defense Security Service  
15 and the National Background Investigations Bu-  
16 reau.

17 (3) ENHANCEMENTS.—If the review pursuant  
18 to paragraph (1) determines that enhancements de-  
19 scribed in that paragraph are required, the Sec-  
20 retary shall, in consultation with the Director, carry  
21 out such enhancements.

22 (g) USE OF CERTAIN PRIVATE INDUSTRY DATA.—  
23 In carrying out background and security investigations  
24 pursuant to this section and section 951 of the National  
25 Defense Authorization Act for Fiscal Year 2017, the Sec-

1   retary of Defense may use background materials collected  
2   on individuals by the private sector, in accordance with  
3   national policies and standards, that are applicable to such  
4   investigations, including materials as follows:

5           (1) Financial information, including credit  
6           scores and credit status.

7           (2) Criminal records.

8           (3) Drug screenings.

9           (4) Verifications of information on resumes and  
10          employment applications (such as previous employ-  
11          ers, educational achievement, and educational insti-  
12          tutions attended).

13          (5) Other publicly available electronic informa-  
14          tion.

15          (h) SECURITY CLEARANCES FOR CONTRACTOR PER-  
16          SONNEL.—

17           (1) IN GENERAL.—The Secretary of Defense  
18          shall review the requirements of the Department of  
19          Defense relating to position sensitivity designations  
20          for contractor personnel in order to determine  
21          whether such requirements may be reassessed or  
22          modified to reduce the number and range of con-  
23          tractor personnel who are issued security clearances  
24          in connection with work under contracts with the  
25          Department.

1           (2) GUIDANCE.—The Secretary shall issue  
2           guidance to program managers, contracting officers,  
3           and security personnel of the Department specifying  
4           requirements for the review of contractor position  
5           sensitivity designations and the number of con-  
6           tractor personnel of the Department who are issued  
7           security clearances for the purposes of determining  
8           whether the number of such personnel who are  
9           issued security clearances should and can be re-  
10          duced.

11          (i) PERSONNEL TO SUPPORT THE TRANSFER OF  
12          FUNCTIONS.—The Secretary of Defense shall authorize  
13          the Director of the Defense Security Service to promptly  
14          increase personnel for the purpose of beginning the estab-  
15          lishment and expansion of investigative capacity to sup-  
16          port the phased transfer of investigative functions from  
17          the Office of Personnel Management to the Department  
18          of Defense under this section. The Director of Cost Anal-  
19          ysis and Program Assessment shall advise the Secretary  
20          on the size of the initial investigative workforce and the  
21          rate of growth of that workforce.

22          (j) BRIEFINGS AND REPORTS.—

23                  (1) REPORT ON FUTURE PERIODIC REINVES-  
24                  TIGATIONS, INSIDER THREAT, AND CONTINUOUS  
25                  VETTING.—Not later than 90 days after the date of

1 the enactment of this Act, the Secretary of Defense  
2 shall, in consultation with the Director of National  
3 Intelligence and the Director of the Office of Per-  
4 sonnel Management, submit to Congress a report  
5 that includes the following:

6 (A) An assessment of the feasibility and  
7 advisability of periodic reinvestigations of back-  
8 grounds of Government and contractor per-  
9 sonnel with security clearances.

10 (B) A plan to provide the Government with  
11 an enhanced risk management model which re-  
12 duces the gaps in coverage perpetuated by the  
13 current time-based periodic reinvestigations  
14 model, particularly in light of the increasing use  
15 of continuous background evaluations of such  
16 personnel.

17 (C) A plan for expanding continuous back-  
18 ground vetting capabilities such as the Installa-  
19 tion Matching Engine for Security and Analysis  
20 to the broader population, including those at  
21 the lowest Tiers and levels of access, which plan  
22 shall include details to ensure that all individ-  
23 uals credentialed for physical access to Depart-  
24 ment of Defense facilities and installations are  
25 vetted to the same level of fitness determina-

1           tions and subject to appropriate continuous vet-  
2           ting.

3           (D) A plan to fully integrate and incor-  
4           porate insider threat data, tools, and capabili-  
5           ties into the new end-to-end vetting processes  
6           and supporting information technology estab-  
7           lished by the Defense Security Service to ensure  
8           a holistic and transformational approach to de-  
9           tecting, deterring, and mitigating threats posed  
10          by trusted insiders.

11          (2) QUARTERLY BRIEFINGS.—Not later than  
12          the end of each calendar year quarter after the date  
13          of the enactment of this Act, the Secretary of De-  
14          fense shall provide the Committees on Armed Serv-  
15          ices of the Senate and the House of Representatives  
16          a briefing on the progress of the Secretary in car-  
17          rying out the requirements of this section during  
18          such calendar year quarter. Until the backlog of se-  
19          curity clearance applications at the National Back-  
20          ground Investigations Bureau is eliminated, each  
21          quarterly briefing shall also include the current sta-  
22          tus of the backlog and the resulting mission and re-  
23          source impact to the Department of Defense and the  
24          defense industrial base.

1           (3) ANNUAL REPORTS.—Not later than the end  
2 of each calendar year after the date of the enact-  
3 ment of this Act, the Secretary shall submit to the  
4 committees of Congress referred to in paragraph (2)  
5 a report on the following for the calendar year in  
6 which such report is to be submitted:

7           (A) The status of the Secretary in meeting  
8 the requirements in subsections (a), (b), and (c)  
9 as of the end of such calendar year.

10          (B) The status as of the end of such cal-  
11 endar year of any transfers to be carried out  
12 pursuant to subsection (d).

13          (C) An assessment of the personnel secu-  
14 rity capabilities of the Department of Defense  
15 as of the end of such calendar year.

16          (4) TERMINATION.—No briefing or report is re-  
17 quired pursuant to paragraph (2) or (3) after De-  
18 cember 31, 2020.

## 19           **Subtitle D—Other Matters**

### 20   **SEC. 951. TRANSFER OF LEAD OF GUAM OVERSIGHT COUN-** 21                   **CIL FROM THE DEPUTY SECRETARY OF DE-** 22                   **FENSE TO THE SECRETARY OF THE NAVY.**

23          (a) TRANSFER.—Section 5013 of title 10, United  
24 States Code, is amended by adding at the end the fol-  
25 lowing new subsection:

1       “(h) Until September 30, 2020, the Secretary of the  
2 Navy shall lead the Guam Oversight Council and shall be  
3 the principal representative of the Department of Defense  
4 for coordinating the interagency efforts in matters relating  
5 to Guam, including the following executive orders:

6           “(1) Executive Order No. 13299 of May 12,  
7 2003 (68 Fed. Reg. 25477; 48 U.S.C. note prec.  
8 1451; relating to the Interagency Group on Insular  
9 Affairs).

10          “(2) Executive Order No. 12788 of January 15,  
11 1992, as amended (57 Fed. Reg. 2213; relating to  
12 the Defense Economic Adjustment Program).”.

13       (b) REPEAL OF SUPERSEDED AUTHORITY.—Section  
14 132 of such title is amended by striking subsection (e).

15 **SEC. 952. CORROSION CONTROL AND PREVENTION EXECU-**  
16 **TIVES MATTERS.**

17       (a) SCOPE AND LEVEL OF POSITIONS.—Subsection  
18 (a) of section 903 of the Duncan Hunter National Defense  
19 Authorization Act for Fiscal Year 2009 (10 U.S.C. 2228  
20 note) is amended—

21           (1) by striking “shall be the senior official” and  
22 inserting “shall be a senior official”; and

23           (2) by adding at the end the following new sen-  
24 tence: “Each individual so designated shall be a sen-

1       ior civilian employee of the military department con-  
2       cerned in pay grade GS-15 or higher.”.

3       (b) QUALIFICATIONS.—Such section is further  
4 amended—

5           (1) by redesignating subsection (b) as sub-  
6       section (c); and

7           (2) by inserting after subsection (a) the fol-  
8       lowing new subsection (b):

9       “(b) QUALIFICATIONS.—Any individual designated as  
10 a corrosion control and prevention executive of a military  
11 department pursuant to subsection (a) shall—

12           “(1) have a working knowledge of corrosion  
13       prevention and control;

14           “(2) have strong program management and  
15       communication skills; and

16           “(3) understand the acquisition, research, de-  
17       velopment, test, and evaluation, and sustainment  
18       policies and procedures of the military department,  
19       including for the sustainment of infrastructure.”.

## 20 **TITLE X—GENERAL PROVISIONS**

### 21 **Subtitle A—Financial Matters**

#### 22 **SEC. 1001. GENERAL TRANSFER AUTHORITY.**

23       (a) AUTHORITY TO TRANSFER AUTHORIZATIONS.—

24           (1) AUTHORITY.—Upon determination by the  
25       Secretary of Defense that such action is necessary in

1 the national interest, the Secretary may transfer  
2 amounts of authorizations made available to the De-  
3 partment of Defense in this division for fiscal year  
4 2018 between any such authorizations for that fiscal  
5 year (or any subdivisions thereof). Amounts of au-  
6 thorizations so transferred shall be merged with and  
7 be available for the same purposes as the authoriza-  
8 tion to which transferred.

9 (2) LIMITATION.—Except as provided in para-  
10 graph (3), the total amount of authorizations that  
11 the Secretary may transfer under the authority of  
12 this section may not exceed \$4,000,000,000.

13 (3) EXCEPTION FOR TRANSFERS BETWEEN  
14 MILITARY PERSONNEL AUTHORIZATIONS.—A trans-  
15 fer of funds between military personnel authoriza-  
16 tions under title IV shall not be counted toward the  
17 dollar limitation in paragraph (2).

18 (b) LIMITATIONS.—The authority provided by sub-  
19 section (a) to transfer authorizations—

20 (1) may only be used to provide authority for  
21 items that have a higher priority than the items  
22 from which authority is transferred; and

23 (2) may not be used to provide authority for an  
24 item that has been denied authorization by Con-  
25 gress.

1 (c) EFFECT ON AUTHORIZATION AMOUNTS.—A  
 2 transfer made from one account to another under the au-  
 3 thority of this section shall be deemed to increase the  
 4 amount authorized for the account to which the amount  
 5 is transferred by an amount equal to the amount trans-  
 6 ferred.

7 (d) NOTICE TO CONGRESS.—The Secretary shall  
 8 promptly notify Congress of each transfer made under  
 9 subsection (a).

10 **SEC. 1002. CALCULATIONS FOR PAYMENTS INTO DEPART-**  
 11 **MENT OF DEFENSE MILITARY RETIREMENT**  
 12 **FUND USING SINGLE LEVEL PERCENTAGE OF**  
 13 **BASIC PAY DETERMINED ON ARMED FORCE-**  
 14 **WIDE RATHER THAN ARMED FORCES-WIDE**  
 15 **BASIS.**

16 Section 1465 of title 10, United States Code, is  
 17 amended—

18 (1) in subsection (c)(1), in the flush matter at  
 19 the end of paragraph (1), by striking “Such single  
 20 level” and inserting “Except as otherwise provided  
 21 in subsection (d), such single level”;

22 (2) by redesignating subsections (d) and (e) as  
 23 subsections (e) and (f), respectively; and

24 (3) by inserting after subsection (c) the fol-  
 25 lowing new subsection (d):

1       “(d)(1) Notwithstanding subsection (c), in any actu-  
2 arial valuation of Department of Defense military retire-  
3 ment and survivor benefits programs for purposes of a fis-  
4 cal year beginning after fiscal year 2018—

5           “(A) the determination made pursuant to sub-  
6 section (c)(1)(A) shall be a single level percentage of  
7 basic pay for active duty for each armed force (other  
8 than the Coast Guard) and for each of the Army  
9 National Guard and the Air National Guard for full-  
10 time National Guard duty (rather than the single  
11 level percentage of basic pay otherwise required by  
12 that subsection); and

13           “(B) the determination made pursuant to sub-  
14 section (c)(1)(B) shall be a single level percentage of  
15 basic pay and of compensation for members of the  
16 Selected Reserve of each armed force (other than the  
17 Coast Guard) (rather than the single level percent-  
18 age of basic pay and of compensation otherwise re-  
19 quired by that subsection).

20       “(2) In making calculations for purposes of sub-  
21 section (b)(1) for fiscal years after fiscal year 2018—

22           “(A) the Secretary of Defense—

23                   “(i) shall not use the single level percent-  
24 age of basic pay determined under subsection

1 (c)(1)(A) as provided for in subsection  
2 (b)(1)(A)(i); but

3 “(ii) shall use for purposes of subsection  
4 (b)(1)(A)(i) each separate single level percent-  
5 age of basic pay determined under paragraph  
6 (1)(A) for each armed force and for each of the  
7 Army National Guard and the Air National  
8 Guard; and

9 “(B) the Secretary of Defense—

10 “(i) shall not use the single level percent-  
11 age of basic pay and of compensation deter-  
12 mined under subsection (c)(1)(B) as provided  
13 for in subsection (b)(1)(B)(i); but

14 “(ii) shall use for purposes of subsection  
15 (b)(1)(B)(i) each separate single level percent-  
16 age of basic pay and of compensation deter-  
17 mined under paragraph (1)(B) for each armed  
18 force.

19 “(3) In making calculations for purposes of section  
20 1466(a) of this title for purposes of deposits into the Fund  
21 for months in fiscal years after fiscal year 2018—

22 “(A) the Secretary of Defense—

23 “(i) shall not use the single level percent-  
24 age of basic pay determined under subsection

1 (c)(1)(A) as provided for in section  
2 1466(a)(1)(A) of this title; but

3 “(ii) shall use for purposes of section  
4 1466(a)(1)(A) of this title each separate single  
5 level percentage of basic pay determined under  
6 paragraph (1)(A) for each armed force and for  
7 each of the Army National Guard and the Air  
8 National Guard; and

9 “(B) the Secretary of Defense—

10 “(i) shall not use the single level percent-  
11 age of basic pay and of compensation deter-  
12 mined under subsection (c)(1)(B) as provided  
13 for in section 1466(a)(2)(A) of this title; but

14 “(ii) shall use for purposes of section  
15 1466(a)(2)(A) each separate single level per-  
16 centage of basic pay and of compensation deter-  
17 mined under paragraph (1)(B) for each armed  
18 force.”.

19 **SEC. 1003. CERTIFICATIONS ON AUDIT READINESS OF THE**  
20 **DEPARTMENT OF DEFENSE AND THE MILI-**  
21 **TARY DEPARTMENTS, DEFENSE AGENCIES,**  
22 **AND OTHER ORGANIZATIONS AND ELEMENTS**  
23 **OF THE DEPARTMENT OF DEFENSE.**

24 (a) DEPARTMENT OF DEFENSE.—Not later than  
25 September 30, 2017, and each year thereafter, the Sec-

1 retary of Defense shall certify to the congressional defense  
2 committees whether or not the full financial statements  
3 of the Department of Defense are audit ready as of the  
4 date of such certification.

5 (b) MILITARY DEPARTMENTS, DEFENSE AGENCIES,  
6 AND OTHER ORGANIZATIONS AND ELEMENTS.—

7 (1) IN GENERAL.—Not later than September  
8 30, 2017, and each year thereafter, each Secretary  
9 of a military department, each head of a Defense  
10 Agency, and each head of any other organization or  
11 element of the Department of Defense designated by  
12 the Secretary of Defense for purposes of this sub-  
13 section shall certify to the congressional defense  
14 committees whether or not the full financial state-  
15 ments of the military department, the Defense Agen-  
16 cy, or the organization or element concerned became  
17 audit ready during the fiscal year in which such cer-  
18 tification is to be submitted.

19 (2) TRANSMITTAL THROUGH SECRETARY OF  
20 DEFENSE.—The individual certifications required by  
21 this subsection shall be transmitted to the congres-  
22 sional defense committees collectively by the Sec-  
23 retary under procedures established by the Secretary  
24 for purposes of this subsection.

1 (c) TERMINATION ON RECEIPT OF AUDIT OPINION  
2 ON FULL FINANCIAL STATEMENTS.—A certification is no  
3 longer required under subsection (a) or (b) with respect  
4 to the Department of Defense, or a military department,  
5 Defense Agency, or organization or element of the Depart-  
6 ment, as applicable, after the Department of Defense or  
7 such military department, Defense Agency, or organiza-  
8 tion or element receives an audit opinion on its full finan-  
9 cial statements.

10 (d) AUDIT READY DEFINED.—In this section, the  
11 term “audit ready”, with respect to the full financial state-  
12 ments of the Department of Defense, a military depart-  
13 ment, a Defense Agency, or another organization or ele-  
14 ment of the Department of Defense, means that the De-  
15 partment of Defense, the military department, the De-  
16 fense Agency, or the organization or element has in place  
17 critical audit capabilities and associated infrastructure to  
18 successfully start and support a financial audit of its full  
19 financial statements.

20 **SEC. 1004. FAILURE TO OBTAIN AUDIT OPINION ON FISCAL**  
21 **YEAR FULL FINANCIAL STATEMENTS OF THE**  
22 **DEPARTMENT OF DEFENSE.**

23 (a) REDUCTION IN BASIC PAY OF MILITARY SECRE-  
24 TARIES FOR FAILURE TO OBTAIN AUDIT OPINION ON  
25 FULL FINANCIAL STATEMENTS FOR FISCAL YEARS 2018

1 AND THEREAFTER.—If the Department of Defense does  
2 not obtain an audit opinion on its full financial statements  
3 for fiscal year 2018, or any fiscal year thereafter, by  
4 March 31 of the succeeding calendar year, the annual rate  
5 of basic pay payable for each Secretary of a military de-  
6 partment for the calendar year next following such suc-  
7 ceeding calendar year shall be the annual rate of basic  
8 pay for positions at level III of the Executive Schedule  
9 pursuant to section 5313 of title 5, United States Code,  
10 rather than the annual rate of basic pay otherwise pro-  
11 vided for the positions of Secretary of a military depart-  
12 ment by law.

13 (b) REVIEW AND RECOMMENDATIONS ON EFFORTS  
14 TO OBTAIN AUDIT OPINION ON FULL FINANCIAL STATE-  
15 MENTS FOR FISCAL YEAR 2018 BY MARCH 31, 2019.—

16 (1) IN GENERAL.—If the Department does not  
17 obtain an audit opinion on its full financial state-  
18 ments for fiscal year 2018 by March 31, 2019, the  
19 Secretary of Defense shall establish within the De-  
20 partment a team of distinguished, private sector ex-  
21 perts with experience conducting financial audits of  
22 large public or private sector organizations to review  
23 and make recommendations to improve the efforts of  
24 the Department to obtain an audit opinion on its  
25 full financial statements.

1           (2) SCOPE OF ACTIVITIES.—The team estab-  
2           lished pursuant to paragraph (1) shall—

3                   (A) identify impediments to the progress of  
4                   the Department in obtaining an audit opinion  
5                   on its full financial statements, including an  
6                   identification of the organizations or elements  
7                   that are lagging in their efforts toward obtain-  
8                   ing such audit opinion;

9                   (B) estimate when an audit opinion on the  
10                  full financial statements of the Department will  
11                  be obtained; and

12                  (C) consider mechanisms and incentives to  
13                  support efficient achievement by the Depart-  
14                  ment of its audit goals, including organizational  
15                  mechanisms to transfer direction and manage-  
16                  ment control of audit activities from subordi-  
17                  nate organizations to the Office of the Sec-  
18                  retary of Defense, individual personnel incen-  
19                  tives, workforce improvements (including in  
20                  senior leadership positions), business process,  
21                  technology, and systems improvements (includ-  
22                  ing the use of data analytics), and metrics by  
23                  which the Secretary and Congress may measure  
24                  and assess progress toward achievement of the  
25                  audit goals of the Department.

1           (3) REPORT.—If the Secretary takes action  
2           pursuant to paragraph (1), the Secretary shall, not  
3           later than September 30, 2019, submit to the con-  
4           gressional defense committees a report on the team  
5           established pursuant to that paragraph, including a  
6           description of the actions taken and to be taken by  
7           the team pursuant to paragraph (2).

8 **SEC. 1005. IMPROPER PAYMENT MATTERS.**

9           Subject to the authority, direction, and control of the  
10          Secretary of Defense, the Under Secretary of Defense  
11          (Comptroller) shall take the following actions:

12                 (1) With regard to estimating improper pay-  
13                 ments:

14                         (A) Establish and implement key quality  
15                         assurance procedures, such as reconciliations, to  
16                         ensure the completeness and accuracy of sam-  
17                         pled populations.

18                         (B) Revise the procedures for the sampling  
19                         methodologies of the Department of Defense so  
20                         that such procedures—

21                                 (i) comply with Office of Management  
22                                 and Budget guidance and generally accept-  
23                                 ed statistical standards;

24                                 (ii) produce statistically valid im-  
25                                 proper payment error rates, statistically

1           valid improper payment dollar estimates,  
2           and appropriate confidence intervals for  
3           both; and

4                   (iii) in meeting clauses (i) and (ii),  
5           take into account the size and complexity  
6           of the transactions being sampled.

7           (2) With regard to identifying programs suscep-  
8           tible to significant improper payments, conduct a  
9           risk assessment that complies with the Improper  
10          Payments Elimination and Recovery Act of 2010  
11          (Public Law 111–204) and the amendments made  
12          by that Act (in this section collectively referred to as  
13          “IPERA”).

14          (3) With regard to reducing improper pay-  
15          ments, establish procedures that produce corrective  
16          action plans that—

17                   (A) comply fully with IPERA and associ-  
18                  ated Office of Management and Budget guid-  
19                  ance, including by holding individuals respon-  
20                  sible for implementing corrective actions and  
21                  monitoring the status of corrective actions; and

22                   (B) are in accordance with best practices,  
23                  such as those recommended by the Chief Finan-  
24                  cial Officers Council, including by providing  
25                  for—

1 (i) measurement of the progress made  
2 toward remediating root causes of im-  
3 proper payments; and

4 (ii) communication to the Secretary of  
5 Defense and the heads of departments,  
6 agencies, and organizations and elements  
7 of the Department of Defense, and key  
8 stakeholders, on the progress made toward  
9 remediating the root causes of improper  
10 payments.

11 (4) With regard to implementing recovery au-  
12 dits for improper payments, develop and implement  
13 procedures to—

14 (A) identify costs related to the recovery  
15 audits and recovery efforts of the Department  
16 of Defense; and

17 (B) evaluate improper payment recovery  
18 efforts in order to ensure that they are cost ef-  
19 fective.

20 (5) Monitor the implementation of the revised  
21 chapter of the Financial Management Regulations  
22 on recovery audits in order to ensure that the De-  
23 partment of Defense, the military departments, the  
24 Defense Agencies, and the other organizations and  
25 elements of the Department of Defense either con-

1 duct recovery audits or demonstrate that it is not  
2 cost effective to do so.

3 (6) Develop and submit to the Office of Man-  
4 agement and Budget for approval a payment recap-  
5 ture audit plan that fully complies with Office of  
6 Management and Budget guidance.

7 (7) With regard to reporting on improper pay-  
8 ments, design and implement procedures to ensure  
9 that the annual improper payment and recovery  
10 audit reporting of the Department of Defense is  
11 complete, accurate, and complies with IPERA and  
12 associated Office of Management and Budget guid-  
13 ance.

14 **SEC. 1006. FINANCIAL OPERATIONS DASHBOARD FOR THE**  
15 **DEPARTMENT OF DEFENSE.**

16 (a) FINANCIAL OPERATIONS DASHBOARD.—

17 (1) IN GENERAL.—The Under Secretary of De-  
18 fense (Comptroller) shall develop and maintain on  
19 an Internet website available to Federal Government  
20 agencies a tool (commonly referred to as a “dash-  
21 board)” to permit Federal Government officials to  
22 track key indicators of the financial performance of  
23 the Department of Defense, including outstanding  
24 accounts payable, abnormal accounts payable, out-  
25 standing advances, unmatched disbursements, ab-

1 normal undelivered orders, negative unliquidated ob-  
2 ligations, violations of sections 1341 and 1517(a) of  
3 title 31, United States Code (commonly referred to  
4 as the “Anti-Deficiency Act”), costs deriving from  
5 payment delays, interest penalty payments, and im-  
6 proper payments, and actual savings realized  
7 through interest payments made, discounts for time-  
8 ly or advanced payments, and other financial man-  
9 agement and improvement initiatives.

10 (2) INFORMATION COVERED.—The tool shall  
11 cover financial performance information for the mili-  
12 tary departments, the defense agencies, and any  
13 other organizations or elements of the Department  
14 of Defense.

15 (3) TRACKING OF PERFORMANCE OVER TIME.—  
16 The tool shall permit the tracking of financial per-  
17 formance over time, including by month, quarter,  
18 and year, and permit users of the tool to export both  
19 current and historical data on financial performance.

20 (4) UPDATES.—The information covered by the  
21 tool shall be updated not less frequently than month-  
22 ly.

23 (b) ANNUAL REPORT ON VALUE CREATED BY IM-  
24 PROVED FINANCIAL MANAGEMENT.—Not later than De-  
25 cember 31 each year, the Secretary of Defense shall sub-

1 mit to Congress a report setting forth, for each military  
2 department, defense agency, and other organization or ele-  
3 ment of the Department of Defense, the following:

4 (1) A description of the value, if any, that ac-  
5 crued as a result of improved financial management  
6 and related cost-savings initiatives during the most  
7 recent fiscal year.

8 (2) A description of the manner in which such  
9 value, if any, was applied, and will be applied, to  
10 provide mission value.

11 (3) A target for the savings to be achieved as  
12 a result of improved financial management and re-  
13 lated cost-savings initiatives during the fiscal year in  
14 which such report is submitted.

15 **SEC. 1007. COMPTROLLER GENERAL OF THE UNITED**  
16 **STATES RECOMMENDATIONS ON AUDIT CA-**  
17 **PABILITIES AND INFRASTRUCTURE AND RE-**  
18 **LATED MATTERS.**

19 (a) BI-MONTHLY SUMMARY OF STATUS OF AUDIT  
20 CORRECTIVE ACTION PLAN.—The Under Secretary of De-  
21 fense (Comptroller) shall assemble on a bi-monthly basis  
22 a management summary of the current status of actions  
23 under the consolidated audit corrective action plan (CAP)  
24 with respect to the critical audit capabilities and associ-  
25 ated infrastructure of the Department of Defense, the

1 military departments, the Defense Agencies, and other or-  
2 ganizations and elements of the Department of Defense.

3 (b) CENTRALIZED MONITORING AND REPORTING  
4 PROCESS.—The Under Secretary of Defense (Comp-  
5 troller) shall develop and implement a centralized moni-  
6 toring and reporting process that captures and maintains  
7 up-to-date information, including the standard data ele-  
8 ments recommended in the Implementation Guide for  
9 OMB Circular A–123, for all corrective action plans De-  
10 partment of Defense-wide that pertain to critical audit ca-  
11 pabilities and associated infrastructure.

## 12 **Subtitle B—Counterdrug Activities**

### 13 **SEC. 1011. EXTENSION AND MODIFICATION OF AUTHORITY** 14 **TO SUPPORT A UNIFIED COUNTERDRUG AND** 15 **COUNTERTERRORISM CAMPAIGN IN COLOM-** 16 **BIA.**

17 (a) EXTENSION.—Section 1021 of the Ronald W.  
18 Reagan National Defense Authorization Act for Fiscal  
19 Year 2005 (Public Law 108–375; 118 Stat. 2042), as  
20 most recently amended by section 1013 of the National  
21 Defense Authorization Act for Fiscal Year 2017 (Public  
22 Law 114–328; 130 Stat. 2385), is further amended—

23 (1) in subsection (a)(1), by striking “2019” and  
24 inserting “2022”; and

1 (2) in subsection (c), by striking “2019” and  
2 inserting “2022”.

3 (b) SCOPE OF AUTHORITY.—Subsection (a) of such  
4 section 1021 is further amended—

5 (1) in paragraph (1), by striking “organizations  
6 designated as” and all that follows and inserting  
7 “terrorist organizations and other illegally armed  
8 groups determined by the Secretary of Defense to  
9 pose a significant threat to the national security in-  
10 terests of the United States.”; and

11 (2) in paragraph (2), by striking “authority”  
12 and all that follows and inserting “authority as fol-  
13 lows:

14 “(A) To protect human health and welfare in  
15 emergency circumstances, including the undertaking  
16 of rescue operations.

17 “(B) To support efforts to demobilize, disarm,  
18 and reintegrate members of illegally armed groups.”.

19 **Subtitle C—Naval Vessels and**  
20 **Shipyards**

21 **SEC. 1016. POLICY OF THE UNITED STATES ON MINIMUM**  
22 **NUMBER OF BATTLE FORCE SHIPS.**

23 (a) POLICY.—It shall be the policy of the United  
24 States to have available, as soon as practicable, not fewer  
25 than 355 battle force ships, comprised of the optimal mix

1 of platforms, with funding subject to the availability of  
2 appropriations or other funds.

3 (b) BATTLE FORCE SHIPS DEFINED.—In this sec-  
4 tion, the term “battle force ships” has the meaning given  
5 the term in Secretary of the Navy Instruction 5030.8C.

6 **SEC. 1017. OPERATIONAL READINESS OF LITTORAL COM-**  
7 **BAT SHIPS ON EXTENDED DEPLOYMENT.**

8 (a) IN GENERAL.—Subsection (a) of section 7310 of  
9 title 10, United States Code, is amended—

10 (1) by inserting “UNDER JURISDICTION OF  
11 THE SECRETARY OF THE NAVY” in the subsection  
12 heading after “VESSELS”;

13 (2) by striking “A naval vessel (or any other  
14 vessel under the jurisdiction of the Secretary of the  
15 Navy)” and inserting “(1) Except as provided in  
16 paragraph (2), a naval vessel”; and

17 (3) by adding at the end the following new  
18 paragraph:

19 “(2)(A) Subject to subparagraph (B), in the case of  
20 a naval vessel classified as a Littoral Combat Ship and  
21 operating on deployment, corrective and preventive main-  
22 tenance or repair (whether intermediate or depot level)  
23 and facilities maintenance may be performed on the ves-  
24 sel—

25 “(i) in a foreign shipyard;

1           “(ii) at a facility outside of a foreign shipyard;

2           or

3           “(iii) at any other facility convenient to the ves-

4           sel.

5           “(B)(i) Corrective and preventive maintenance or re-

6           pair may be performed on a vessel as described in sub-

7           paragraph (A) if the work is performed by United States

8           Government personnel or United States contractor per-

9           sonnel.

10          “(ii) Facilities maintenance may be performed by a

11          foreign contractor on a vessel as described in subpara-

12          graph (A) only as approved by the Secretary of the

13          Navy.”.

14          (b) DEFINITIONS.—Such section is further amended

15          by adding at the end the following new subsection:

16          “(d) DEFINITIONS.—In this section:

17                  “(1) The term ‘corrective and preventive main-

18                  tenance or repair’ means—

19                          “(A) maintenance or repair actions per-

20                          formed as a result of a failure in order to re-

21                          turn or restore equipment to acceptable per-

22                          formance levels; and

23                          “(B) scheduled maintenance or repair ac-

24                          tions to prevent or discover functional failures.

1           “(2) The term ‘facilities maintenance’ means  
2           preservation or corrosion control efforts and cleaning  
3           services.”.

4           (c) CLERICAL AMENDMENTS.—

5           (1) SECTION HEADING.—The heading of such  
6           section is amended to read as follows:

7           **“§ 7310. Overhaul, repair, and maintenance of vessels**  
8                         **in foreign shipyards and facilities: re-**  
9                         **strictions; exceptions”.**

10           (2) TABLE OF SECTIONS.—The table of sections  
11           at the beginning of chapter 633 of such title is  
12           amended by striking the item relating to section  
13           7310 and inserting the following new item:

          “7310. Overhaul, repair, and maintenance of vessels in foreign shipyards and  
          facilities: restrictions; exceptions.”.

14           **SEC. 1018. AUTHORITY TO PURCHASE USED VESSELS TO**  
15                         **RECAPITALIZE THE READY RESERVE FORCE**  
16                         **AND THE MILITARY SEALIFT COMMAND**  
17                         **SURGE FLEET.**

18           (a) DEPOSIT OF ADDITIONAL FUNDS IN NATIONAL  
19           DEFENSE SEALIFT FUND.—

20           (1) OTHER FUNDS MADE AVAILABLE TO DE-  
21           PARTMENT OF THE NAVY.—Subsection (d) of section  
22           2218 of title 10, United States Code, is amended by  
23           adding at the end the following new paragraph:

1           “(4) Any other funds made available to the De-  
2           partment of the Navy for carrying out the purposes  
3           of the Fund set forth in subsection (c).”.

4           (2) EXPIRATION OF FUNDS AFTER 5 YEARS.—  
5           Subsection (g) of such section is amended by strik-  
6           ing “subsection (d)(1)” and inserting “paragraph  
7           (1) or (4) of subsection (d)”.

8           (b) AUTHORITY TO PURCHASE USED VESSELS.—  
9           Subsection (f) of such section is amended by adding at  
10          the end the following new paragraph:

11          “(3)(A) Notwithstanding the limitations in paragraph  
12          (1) and subsection (c)(1)(E), the Secretary of Defense  
13          may, as part of a program to recapitalize the Ready Re-  
14          serve Force component of the National Defense Reserve  
15          Fleet and the Military Sealift Command surge fleet, pur-  
16          chase used vessels, regardless of where constructed, from  
17          among vessels previously participating in the Maritime Se-  
18          curity Fleet, if available at a reasonable cost (as deter-  
19          mined by the Secretary). If such previously participating  
20          vessels are not available at a reasonable cost, used vessels  
21          comparable to such previously participating vessels may  
22          be purchased from any source, regardless of where con-  
23          structed, if available at a reasonable cost (as determined  
24          by the Secretary).

1       “(B) In exercising the authority in subparagraph (A),  
2 the Secretary shall purchase used vessels constructed in  
3 the United States, if available at a reasonable cost (as de-  
4 termined by the Secretary).

5       “(C) In exercising the authority in subparagraph (A),  
6 the Secretary shall ensure that any conversion, moderniza-  
7 tion, maintenance, or repair of vessels occurs in shipyards  
8 located in the United States, except in emergency situa-  
9 tions (as determined by the Secretary).”.

10       (c) **DEFINITION OF MARITIME SECURITY FLEET.**—  
11 Subsection (k) of such section is amended by adding at  
12 the end the following new paragraph:

13               “(5) The term ‘Maritime Security Fleet’ means  
14 the fleet established under section 53102(a) of title  
15 46.”.

16       (d) **TECHNICAL AMENDMENT.**—Subsection (i) of  
17 such section is amended by striking “(50 U.S.C. App.  
18 1744)” and inserting “(50 U.S.C. 4405)”.

19 **SEC. 1019. SURVEYING SHIPS.**

20       (a) **SURVEYING SHIP REQUIREMENT.**—Not later  
21 than 120 days after the date of the enactment of this Act,  
22 the Chief of Naval Operations shall submit to the congress-  
23 sional defense committees a report setting forth a force  
24 structure assessment that establishes a surveying ship re-  
25 quirement. The Chief of Naval Operations shall conduct

1 the assessment for purposes of the report, and may limit  
2 the assessment to surveying ships.

3 (b) DEFINITIONS.—In this section:

4 (1) The term “surveying ship” has the meaning  
5 given the term in Secretary of the Navy Instruction  
6 5030.8C.

7 (2) The term “force structure assessment” has  
8 the meaning given the term in Chief of Naval Oper-  
9 ations Instruction 3050.27.

10 **SEC. 1020. PILOT PROGRAM ON FUNDING FOR NATIONAL**  
11 **DEFENSE SEALIFT VESSELS.**

12 (a) IN GENERAL.—The Secretary of the Navy may  
13 carry out a pilot program to assess the feasibility and ad-  
14 visability of the use of the authorities specified in sub-  
15 section (b) in connection with research and development  
16 and operation, maintenance, and lease or charter of na-  
17 tional defense sealift vessels.

18 (b) AUTHORITIES.—The authorities specified in this  
19 subsection are authorities as follows:

20 (1) To derive funds for obligations and expendi-  
21 tures for research and development relating to na-  
22 tional defense sealift vessels from the Research, De-  
23 velopment, Test, and Evaluation, Navy account.

24 (2) To derive funds for obligations and expendi-  
25 tures for operation, maintenance, and lease or char-

1       ter of national defense sealift vessels from the Oper-  
2       ation and Maintenance, Navy account.

3           (3) To use funds in the account referred to in  
4       paragraph (1) for obligations and expenditures de-  
5       scribed in that paragraph, and to use funds in the  
6       account referred to in paragraph (2) for obligations  
7       and expenditures described in that paragraph, with-  
8       out the transfer of such funds to the National De-  
9       fense Sealift Fund.

10       (c) LIMITATION.—The authorities in subsection (b)  
11       may be used under the pilot program only with respect  
12       to applicable amounts authorized to be appropriated for  
13       the Department of Defense for fiscal years 2018 and  
14       2019.

15       (d) CONTINUING AVAILABILITY OF NDSF FUNDS.—  
16       Nothing in this section shall be construed to prohibit the  
17       use of amounts available in the National Defense Sealift  
18       Fund for fiscal years 2018 and 2019 for use for the pur-  
19       poses of the Fund under section 2218(e) of title 10,  
20       United States Code, in such fiscal years.

21       (e) REPORTS.—

22           (1) IN GENERAL.—Not later than 120 days  
23       after the conclusion of the pilot program, the Sec-  
24       retary, the Commander of the United States Trans-  
25       portation Command, and the Administrator of the

1 Maritime Administration each shall submit to the  
2 congressional defense committees an independent re-  
3 port on the pilot program.

4 (2) ELEMENTS.—Each report shall include the  
5 following:

6 (A) A description of lessons learned from  
7 the pilot program regarding the efficacy of  
8 funding national defense sealift vessel require-  
9 ments using the accounts specified in para-  
10 graphs (1) and (2) of subsection (b) rather  
11 than the National Defense Sealift Fund.

12 (B) An assessment of potential oper-  
13 ational, financial, and other significant impacts  
14 if the pilot program is made permanent.

15 (C) Such recommendations as the official  
16 submitting such report considers appropriate  
17 regarding modifications of section 2218 of title  
18 10, United States Code, in light of the pilot  
19 program.

20 (f) DEFINITIONS.—In this section:

21 (1) The term “national defense sealift vessel”  
22 has the meaning given the term in section  
23 2218(k)(3) of title 10, United States Code.

1           (2) The term “National Defense Sealift Fund”  
2 means the Fund established by section 2218 of title  
3 10, United States Code.

## 4           **Subtitle D—Counterterrorism**

5   **SEC. 1031. EXTENSION OF PROHIBITION ON USE OF FUNDS**  
6                   **FOR TRANSFER OR RELEASE OF INDIVID-**  
7                   **UALS DETAINED AT UNITED STATES NAVAL**  
8                   **STATION, GUANTANAMO BAY, CUBA, TO THE**  
9                   **UNITED STATES.**

10          Section 1032 of the National Defense Authorization  
11 Act for Fiscal Year 2017 (Public Law 114–328) is amend-  
12 ed by striking “December 31, 2017” and inserting “De-  
13 cember 31, 2018”.

14   **SEC. 1032. EXTENSION OF PROHIBITION ON USE OF FUNDS**  
15                   **TO CONSTRUCT OR MODIFY FACILITIES IN**  
16                   **THE UNITED STATES TO HOUSE DETAINEES**  
17                   **TRANSFERRED FROM UNITED STATES NAVAL**  
18                   **STATION, GUANTANAMO BAY, CUBA.**

19          Section 1033(a) of the National Defense Authoriza-  
20 tion Act for Fiscal Year 2017 (Public Law 114–328) is  
21 amended by striking “December 31, 2017” and inserting  
22 “December 31, 2018”.

1 **SEC. 1033. EXTENSION OF PROHIBITION ON USE OF FUNDS**  
2 **FOR TRANSFER OR RELEASE TO CERTAIN**  
3 **COUNTRIES OF INDIVIDUALS DETAINED AT**  
4 **UNITED STATES NAVAL STATION, GUANTA-**  
5 **NAMO BAY, CUBA.**

6 Section 1034 of the National Defense Authorization  
7 Act for Fiscal Year 2017 (Public Law 114–328) is amend-  
8 ed by striking “December 31, 2017” and inserting “De-  
9 cember 31, 2018”.

10 **SEC. 1034. EXTENSION OF PROHIBITION ON USE OF FUNDS**  
11 **FOR REALIGNMENT OF FORCES AT OR CLO-**  
12 **SURE OF UNITED STATES NAVAL STATION,**  
13 **GUANTANAMO BAY, CUBA.**

14 Section 1035 of the National Defense Authorization  
15 Act for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
16 2391) is amended by striking “fiscal year 2017” and in-  
17 serting “any of fiscal years 2017 through 2021”.

18 **SEC. 1035. AUTHORITY TO TRANSFER INDIVIDUALS DE-**  
19 **TAINED AT UNITED STATES NAVAL STATION,**  
20 **GUANTANAMO BAY, CUBA, TO THE UNITED**  
21 **STATES TEMPORARILY FOR EMERGENCY OR**  
22 **CRITICAL MEDICAL TREATMENT.**

23 (a) TEMPORARY TRANSFER FOR MEDICAL TREAT-  
24 MENT.—Notwithstanding section 1032 of the National  
25 Defense Authorization Act for Fiscal Year 2017 (Public  
26 Law 114–328), as amended by section 1031 of this Act,

1 or any similar provision of law enacted after September  
2 30, 2015, the Secretary of Defense may, after consultation  
3 with the Secretary of Homeland Security, temporarily  
4 transfer an individual detained at Guantanamo to a De-  
5 partment of Defense medical facility in the United States  
6 for the sole purpose of providing the individual medical  
7 treatment if the Secretary of Defense determines that—

8           (1) the medical treatment of the individual is  
9           necessary to prevent death or imminent significant  
10          injury or harm to the health of the individual;

11          (2) the necessary medical treatment is not  
12          available to be provided at United States Naval Sta-  
13          tion, Guantanamo Bay, Cuba, without incurring ex-  
14          cessive and unreasonable costs; and

15          (3) the Department of Defense has provided for  
16          appropriate security measures for the custody and  
17          control of the individual during any period in which  
18          the individual is temporarily in the United States  
19          under this section.

20          (b) LIMITATION ON EXERCISE OF AUTHORITY.—The  
21          authority of the Secretary of Defense under subsection (a)  
22          may be exercised only by the Secretary of Defense or an-  
23          other official of the Department of Defense at the level  
24          of Under Secretary of Defense or higher.

1           (c) CONDITIONS OF TRANSFER.—An individual who  
2 is temporarily transferred under the authority in sub-  
3 section (a) shall—

4           (1) while in the United States, remain in the  
5 custody and control of the Secretary of Defense at  
6 all times; and

7           (2) be returned to United States Naval Station,  
8 Guantanamo Bay, Cuba, as soon as feasible after a  
9 Department of Defense physician determines, in con-  
10 sultation with the Commander, Joint Task Force-  
11 Guantanamo Bay, Cuba, that any necessary follow-  
12 up medical care may reasonably be provided the in-  
13 dividual at United States Naval Station, Guanta-  
14 namo Bay.

15          (d) STATUS WHILE IN UNITED STATES.—An indi-  
16 vidual who is temporarily transferred under the authority  
17 in subsection (a), while in the United States—

18           (1) shall be deemed at all times and in all re-  
19 spects to be in the uninterrupted custody of the Sec-  
20 retary of Defense, as though the individual remained  
21 physically at United States Naval Station, Guanta-  
22 namo Bay, Cuba;

23           (2) shall not at any time be subject to, and may  
24 not apply for or obtain, or be deemed to enjoy, any  
25 right, privilege, status, benefit, or eligibility for any

1 benefit under any provision of the immigration laws  
2 (as defined in section 101(a)(17) of the Immigration  
3 and Nationality Act (8 U.S.C. 1101(a)(17)), or any  
4 other law or regulation;

5 (3) shall not be permitted to avail himself of  
6 any right, privilege, or benefit of any law of the  
7 United States beyond those available to individuals  
8 detained at United States Naval Station, Guanta-  
9 namo Bay; and

10 (4) shall not, as a result of such transfer, have  
11 a change in any designation that may have attached  
12 to that detainee while detained at United States  
13 Naval Station, Guantanamo Bay, pursuant to the  
14 Authorization for Use of Military Force (Public Law  
15 107–40), as determined in accordance with applica-  
16 ble law and regulations.

17 (e) NO CAUSE OF ACTION.—Any decision to transfer  
18 or not to transfer an individual made under the authority  
19 in subsection (a) shall not give rise to any claim or cause  
20 of action.

21 (f) LIMITATION ON JUDICIAL REVIEW.—

22 (1) LIMITATION.—Except as provided in para-  
23 graph (2), no court, justice, or judge shall have ju-  
24 risdiction to hear or consider any claim or action  
25 against the United States or its departments, agen-

1       cies, officers, employees, or agents arising from or  
2       relating to any aspect of the detention, transfer,  
3       treatment, or conditions of confinement of an indi-  
4       vidual transferred under this section.

5           (2) EXCEPTION FOR HABEAS CORPUS.—The  
6       United States District Court for the District of Co-  
7       lumbia shall have exclusive jurisdiction to consider  
8       an application for writ of habeas corpus seeking re-  
9       lease from custody filed by or on behalf of an indi-  
10      vidual who is in the United States pursuant to a  
11      temporary transfer under the authority in subsection  
12      (a). Such jurisdiction shall be limited to that re-  
13      quired by the Constitution, and relief shall be only  
14      as provided in paragraph (3). In such a proceeding  
15      the court may not review, halt, or stay the return of  
16      the individual who is the object of the application to  
17      United States Naval Station, Guantanamo Bay,  
18      Cuba, pursuant to subsection (c).

19           (3) RELIEF.—A court order in a proceeding  
20      covered by paragraph (2)—

21           (A) may not order the release of the indi-  
22      vidual within the United States; and

23           (B) shall be limited to an order of release  
24      from custody which, when final, the Secretary  
25      of Defense shall implement in accordance with

1 section 1034 of the National Defense Author-  
2 ization Act for Fiscal Year 2016 (10 U.S.C.  
3 801 note).

4 (g) NOTIFICATION.—Whenever a temporary transfer  
5 of an individual detained at Guantanamo is made under  
6 the authority of subsection (a), the Secretary of Defense  
7 shall notify the Committees on Armed Services of the Sen-  
8 ate and the House of Representatives of the transfer not  
9 later than five days after the date on which the transfer  
10 is made.

11 (h) INDIVIDUAL DETAINED AT GUANTANAMO DE-  
12 FINED.—In this section, the term “individual detained at  
13 Guantanamo” means an individual located at United  
14 States Naval Station, Guantanamo Bay, Cuba, as of Octo-  
15 ber 1, 2009, who—

16 (1) is not a national of the United States (as  
17 defined in section 101(a)(22) of the Immigration  
18 and Nationality Act (8 U.S.C. 1101(a)(22)) or a  
19 member of the Armed Forces of the United States;  
20 and

21 (2) is—

22 (A) in the custody or under the control of  
23 the Department of Defense; or

24 (B) otherwise detained at United States  
25 Naval Station, Guantanamo Bay.

1 (i) APPLICABILITY.—This section shall apply to an  
2 individual temporarily transferred under the authority in  
3 subsection (a) regardless of the status of any pending or  
4 completed proceeding or detention on the date of the en-  
5 actment of this Act.

6 **Subtitle E—Miscellaneous**  
7 **Authorities and Limitations**

8 **SEC. 1041. MATTERS RELATING TO THE SUBMITTAL OF FU-**  
9 **TURE-YEARS DEFENSE PROGRAMS.**

10 (a) TIMING OF SUBMITTAL TO CONGRESS.—Sub-  
11 section (a) of section 221 of title 10, United States Code,  
12 is amended by striking “at or about the same time” and  
13 inserting “not later than five days after the date on  
14 which”.

15 (b) MANNER AND FORM OF SUBMITTAL.—Such sec-  
16 tion is further amended—

17 (1) in subsection (a) by inserting “make avail-  
18 able to United States Government entities and” be-  
19 fore “submit to Congress”; and

20 (2) by adding at the end the following new sub-  
21 section:

22 “(d)(1) The Secretary of Defense shall make avail-  
23 able to United States Government entities and submit to  
24 Congress each future-years defense program under this  
25 section as follows:

1           “(A) By making such program available on an  
2 Internet website of the Under Secretary of Defense  
3 (Comptroller) available to United States Government  
4 in the form of an unclassified electronic database.

5           “(B) By delivering printed copies of such pro-  
6 gram to the congressional defense committee.

7           “(2) In the event inclusion of classified material in  
8 a future-years defense program would otherwise render  
9 the totality of the program classified for purposes of this  
10 subsection—

11           “(A) such program shall be made available to  
12 United States Government entities and submitted to  
13 Congress in unclassified form, with such material at-  
14 tached as a classified annex; and

15           “(B) such annex shall be submitted to the con-  
16 gressional defense committees, the Congressional  
17 Budget Office, the Comptroller General of the  
18 United States, and the Congressional Research Serv-  
19 ice.”.

20           (c) ACCURACY OF INFORMATION.—Such section is  
21 further amended by adding at the end the following new  
22 subsection:

23           “(e) Each future-years defense program under this  
24 subsection shall be accompanied by a certification by the  
25 Under Secretary of Defense (Comptroller), in the case of

1 the Department of Defense, and the comptroller of each  
2 military department, in the case of such military depart-  
3 ment, that any information entered into the Standard  
4 Data Collection System of the Department of Defense, the  
5 Comptroller Information System, or any other data sys-  
6 tem, as applicable, for purposes of assembling such future-  
7 years defense program was accurate.”.

8 (d) CONFORMING AMENDMENTS.—

9 (1) HEADING AMENDMENT.—The heading of  
10 section 221 of such title is amended to read as fol-  
11 lows:

12 **“§ 221. Future-years defense program: consistency in**  
13 **budgeting; availability to United States**  
14 **Government entities and submittal to**  
15 **Congress”.**

16 (2) TABLE OF SECTIONS.—The table of sections  
17 at the beginning of chapter 9 of such title is amend-  
18 ed by striking the item relating to section 221 and  
19 inserting the following new item:

“221. Future-years defense program: consistency in budgeting; availability to  
United States Government entities and submittal to Con-  
gress.”.

20 (e) EFFECTIVE DATE.—The amendments made by  
21 this section shall take effect on the date of the enactment  
22 of this Act, and shall apply to future-years defense pro-  
23 grams submitted at the time of budgets of the President  
24 for fiscal years beginning after fiscal year 2018.

1 (f) DOD GUIDANCE.—The Secretary of Defense  
2 shall, in coordination with the Under Secretary of Defense  
3 (Comptroller), update Department of Defense Financial  
4 Management Regulation 7000.14–R, and any other appro-  
5 priate instructions and guidance, to ensure that the De-  
6 partment of Defense takes appropriate actions to comply  
7 with the amendments made by this section in the sub-  
8 mittal of future-years defense programs in calendar years  
9 after calendar year 2017.

10 **SEC. 1042. DEPARTMENT OF DEFENSE INTEGRATION OF IN-**  
11 **FORMATION OPERATIONS AND CYBER-EN-**  
12 **ABLED INFORMATION OPERATIONS.**

13 (a) INTEGRATION OF DEPARTMENT OF DEFENSE IN-  
14 FORMATION OPERATIONS AND CYBER-ENABLED INFOR-  
15 MATION OPERATIONS.—

16 (1) ESTABLISHMENT OF CROSS-FUNCTIONAL  
17 TASK FORCE.—

18 (A) IN GENERAL.—The Secretary of De-  
19 fense shall establish a cross-functional task  
20 force consistent with section 911(c)(1) of the  
21 National Defense Authorization Act for Fiscal  
22 Year 2017 (114–328; 10 U.S.C. 111 note) to  
23 integrate across the organizations of the De-  
24 partment of Defense responsible for information  
25 operations, military deception, public affairs,

1 electronic warfare, and cyber operations to  
2 produce integrated strategy, planning, and  
3 budgeting to counter, deter, and conduct stra-  
4 tegic information operations and cyber-enabled  
5 information operations.

6 (B) DUTIES.—The task force shall carry  
7 out the following:

8 (i) Development of a strategic frame-  
9 work for the conduct by the Department of  
10 Defense of information operations, includ-  
11 ing cyber-enabled information operations,  
12 coordinated across all relevant Department  
13 of Defense entities, including both near-  
14 term and long-term guidance for the con-  
15 duct of such coordinated operations.

16 (ii) Development and dissemination of  
17 a common operating paradigm across the  
18 organizations specified in subparagraph  
19 (A) of the influence, deception, and propa-  
20 ganda activities of key malign actors, in-  
21 cluding in cyberspace.

22 (iii) Development of guidance for, and  
23 promotion of, the liaison capability of the  
24 Department to interact with the private  
25 sector, including social media, on matters

1 related to the influence activities of malign  
2 actors.

3 (2) HEAD OF CROSS-FUNCTIONAL TASK  
4 FORCE.—

5 (A) IN GENERAL.—The Secretary of De-  
6 fense shall appoint as the head of the task force  
7 such individual as the Secretary considers ap-  
8 propriate from among individuals serving in the  
9 Department as an Under Secretary of Defense  
10 or in such other position within the Department  
11 of lesser order of precedence.

12 (B) RESPONSIBILITIES.—The responsibil-  
13 ities of the head of the task force are as follows:

14 (i) Oversight of strategic policy and  
15 guidance.

16 (ii) Overall resource allocation for the  
17 integration of information operations and  
18 cyber operations of the Department.

19 (iii) Ensuring the task force faithfully  
20 pursues the purpose set forth in subpara-  
21 graph (A) of paragraph (1) and carries out  
22 its duties as set forth in subparagraph (B)  
23 of such paragraph.

1 (iv) Carrying out such activities as are  
2 required of the head of the task force  
3 under subsections (b) and (c).

4 (b) REQUIREMENTS AND PLANS FOR INFORMATION  
5 OPERATIONS.—

6 (1) COMBATANT COMMAND PLANNING.—The  
7 Secretary shall require each commander of a com-  
8 batant command to develop such requirements and  
9 specific plans as may be necessary for the conduct  
10 of information operations, including plans for deter-  
11 ring information operations, particularly in the cyber  
12 domain, by malign actors against the United States,  
13 allies of the United States, and interests of the  
14 United States.

15 (2) IMPLEMENTATION PLAN FOR DEPARTMENT  
16 OF DEFENSE STRATEGY FOR OPERATIONS IN THE  
17 INFORMATION ENVIRONMENT.—

18 (A) IN GENERAL.—Not later than 90 days  
19 after the date of the enactment of this Act, the  
20 head of the task force shall—

21 (i) review the Department of Defense  
22 Strategy for Operations in the Information  
23 Environment, dated June 2016; and

1           (ii) submit to the congressional de-  
2           fense committees a plan for implementa-  
3           tion of such strategy.

4           (B) ELEMENTS.—The implementation plan  
5           shall include, at a minimum, the following:

6           (i) An accounting of the efforts under-  
7           taken in support of the strategy described  
8           in subparagraph (A)(i) since it was issued  
9           in June 2016.

10          (ii) A description of any updates or  
11          changes to such strategy that have been  
12          made since it was first issued, as well as  
13          any expected updates or changes in light of  
14          the establishment of the task force.

15          (iii) A description of the role of the  
16          Department as part of a broader whole-of-  
17          government strategy for strategic commu-  
18          nications, including assumptions about the  
19          roles and contributions of other Govern-  
20          ment departments and agencies to such a  
21          strategy.

22          (iv) Defined actions, performance  
23          metrics, and projected timelines to achieve  
24          the following specified tasks:

1 (I) Train, educate, and prepare  
2 commanders and their staffs, and the  
3 Joint Force as a whole, to lead, man-  
4 age, and conduct operations in the in-  
5 formation environment.

6 (II) Train, educate, and prepare  
7 information operations professionals  
8 and practitioners to enable effective  
9 operations in the information environ-  
10 ment.

11 (III) Manage information oper-  
12 ations professionals, practitioners, and  
13 organizations to meet emerging oper-  
14 ational needs.

15 (IV) Establish a baseline assess-  
16 ment of current ability of the Depart-  
17 ment to conduct operations in the in-  
18 formation environment, including an  
19 identification of the types of units and  
20 organizations currently responsible for  
21 building and employing information-  
22 related capabilities and an assignment  
23 of appropriate roles and missions for  
24 each type of unit or organization.

1 (V) Develop the ability of the De-  
2 partment and operating forces to en-  
3 gage, assess, characterize, forecast,  
4 and visualize the information environ-  
5 ment.

6 (VI) Develop and maintain the  
7 proper capabilities and capacity to op-  
8 erate effectively in the information en-  
9 vironment in coordination with imple-  
10 mentation of related cyber and other  
11 strategies.

12 (VII) Develop and maintain the  
13 capability to assess accurately the ef-  
14 fect of operations in the information  
15 environment.

16 (VIII) Adopt, adapt, and develop  
17 new science and technology for the  
18 Department to operate effectively in  
19 the information environment.

20 (IX) Develop and adapt informa-  
21 tion environment-related concepts,  
22 policies, and guidance.

23 (X) Ensure doctrine relevant to  
24 operations in the information environ-  
25 ment remains current and responsive

1 based on lessons learned and best  
2 practices.

3 (XI) Develop, update, and de-  
4 conflict authorities and permissions,  
5 as appropriate, to enable effective op-  
6 erations in the information environ-  
7 ment.

8 (XII) Establish and maintain  
9 partnerships among Department and  
10 interagency partners to enable more  
11 effective whole-of-government oper-  
12 ations in the information environment.

13 (XIII) Establish and maintain  
14 appropriate interaction with entities  
15 that are not part of the Federal Gov-  
16 ernment, including entities in indus-  
17 try, entities in academia, Federally  
18 funded research and development cen-  
19 ters, and other organizations, to en-  
20 able operations in the information en-  
21 vironment.

22 (XIV) Establish and maintain  
23 collaboration between and among the  
24 Department and international part-  
25 ners, including partner countries and

1 nongovernmental organizations, to en-  
2 able more effective operations in the  
3 information environment.

4 (XV) Foster, enhance, and lever-  
5 age partnership capabilities and ca-  
6 pacities.

7 (v) An analysis of any personnel,  
8 resourcing, capability, authority, or other  
9 gaps that will need to be addressed to en-  
10 sure effective implementation of the strat-  
11 egy described in subparagraph (A)(i)  
12 across all relevant elements of the Depart-  
13 ment.

14 (vi) An investment framework and  
15 projected timeline for addressing any gaps  
16 identified under clause (v).

17 (vii) Such other matters as the Sec-  
18 retary of Defense considers relevant.

19 (C) PERIODIC STATUS REPORTS.—Not  
20 later than 90 days after the date on which the  
21 implementation plan is submitted under sub-  
22 paragraph (A)(ii) and not less frequently than  
23 once every 90 days thereafter until the date  
24 that is three years after the date of such sub-  
25 mittal, the head of the task force shall submit

1 to the congressional defense committees a re-  
2 port describing the status of the efforts of the  
3 Department to accomplish the tasks specified  
4 under clauses (iv) and (vi) of subparagraph  
5 (B).

6 (c) TRAINING AND EDUCATION.—Consistent with the  
7 elements of the implementation plan required under  
8 clauses (i) and (ii) of subsection (b)(2)(B)(4), the head  
9 of the task force shall establish programs to provide train-  
10 ing and education to such members of the Armed Forces  
11 and civilian employees of the Department of Defense as  
12 the Secretary considers appropriate to ensure under-  
13 standing of the role of information in warfare, the central  
14 goal of all military operations to affect the perceptions,  
15 views, and decision-making of adversaries, and the effec-  
16 tive management and conduct of operations in the infor-  
17 mation environment.

18 (d) ESTABLISHMENT OF DEFENSE INTELLIGENCE  
19 OFFICER FOR INFORMATION OPERATIONS AND CYBER  
20 OPERATIONS.—The Secretary shall establish a position  
21 within the Department of Defense known as the “Defense  
22 Intelligence Officer for Information Operations and Cyber  
23 Operations”.

24 (e) DEFINITIONS.—In this section:

1           (1) The term “head of the task force” means  
2 the head appointed under subsection (a)(2)(A).

3           (2) The term “implementation plan” means the  
4 plan required by subsection (b)(2)(A)(ii).

5           (3) The term “task force” means the cross-  
6 functional task force established under subsection  
7 (a)(1)(A).

8 **SEC. 1043. PROHIBITION ON LOBBYING ACTIVITIES WITH**  
9                                   **RESPECT TO THE DEPARTMENT OF DEFENSE**  
10                                  **BY CERTAIN OFFICERS OF THE ARMED**  
11                                  **FORCES AND CIVILIAN EMPLOYEES OF THE**  
12                                  **DEPARTMENT WITHIN TWO YEARS OF SEPA-**  
13                                  **RATION FROM MILITARY SERVICE OR EM-**  
14                                  **PLOYMENT WITH THE DEPARTMENT.**

15           (a) PROHIBITION.—An individual described in sub-  
16 section (b) may not engage in lobbying activities with re-  
17 spect to the Department of Defense during the two-year  
18 period beginning on the date of retirement or separation  
19 from service in the Armed Forces or the date of retirement  
20 or separation from service with the Department, as appli-  
21 cable.

22           (b) COVERED INDIVIDUALS.—An individual described  
23 in this section is the following:

1           (1) An officer of the Armed Forces in grade O–  
2           7 or higher at the time of retirement or separation  
3           from the Armed Forces.

4           (2) A civilian employee of the Department of  
5           Defense at the Senior Executive Service (SES) level  
6           or higher at the time of retirement or separation  
7           from service with the Department.

8           (c) LOBBYING ACTIVITIES WITH RESPECT TO THE  
9           DEPARTMENT OF DEFENSE DEFINED.—In this section:

10           (1) The term “lobbying activities with respect  
11           to the Department of Defense” means the following:

12                   (A) Lobbying contacts and other lobbying  
13                   activities with covered executive branch officials  
14                   and covered legislative branch officials with re-  
15                   spect to the Department of Defense.

16                   (B) Lobbying contacts with covered execu-  
17                   tive branch officials described in subparagraphs  
18                   (C) through (F) of section 3(3) of the Lobbying  
19                   Disclosure Act of 1995 (2 U.S.C. 1602(3)) in  
20                   the Department of Defense.

21                   (2) The term “lobbying activities” has the  
22                   meaning given that term in section 3(7) of the Lob-  
23                   bying Disclosure Act of 1995 (2 U.S.C. 1602(7)).

24                   (3) The term “covered executive branch offi-  
25                   cial” has the meaning given that term in section

1 3(3) of the Lobbying Disclosure Act of 1995 (2  
2 U.S.C. 1602(3)).

3 (4) The term “covered legislative branch offi-  
4 cial” has the meaning given that term in section  
5 3(4) of the Lobbying Disclosure Act of 1995 (2  
6 U.S.C. 1602(4)).

7 **SEC. 1044. DEFINITION OF “UNMANNED AERIAL VEHICLE”**  
8 **FOR PURPOSES OF TITLE 10, UNITED STATES**  
9 **CODE.**

10 Section 101(e) of title 10, United States Code, is  
11 amended by adding at the end the following new para-  
12 graph:

13 “(6) UNMANNED AERIAL VEHICLE.—The term  
14 ‘unmanned aerial vehicle’—

15 “(A) means an aerial vehicle that is not  
16 controlled by a human being after launch, such  
17 as a cruise missile; and

18 “(B) does not include a remotely piloted  
19 aerial vehicle if the vehicle is controlled by a  
20 human being after launch.”.

21 **SEC. 1045. TECHNICAL AMENDMENT RELATING TO MAN-**  
22 **AGEMENT OF MILITARY TECHNICIANS.**

23 Section 1053(a)(1) of the National Defense Author-  
24 ization Act for Fiscal Year 2016 (10 U.S.C. 10216 note)

1 is amended by striking “20 percent” and inserting “12.6  
2 percent”.

3 **SEC. 1046. EXTENSION OF PROHIBITION ON USE OF FUNDS**  
4 **FOR RETIREMENT OF LEGACY MARITIME**  
5 **MINE COUNTERMEASURE PLATFORMS.**

6 Section 1045(a) of the National Defense Authoriza-  
7 tion Act for Fiscal Year 2017 (Public Law 114–328) is  
8 amended in the matter preceding paragraph (1) by strik-  
9 ing “authorized to be appropriated by this Act or other-  
10 wise made available for fiscal year 2017 for the Navy”  
11 and inserting “authorized to be appropriated or otherwise  
12 made available for the Navy for fiscal year 2017 or 2018”.

13 **SEC. 1047. SENSE OF CONGRESS ON THE BASING OF KC–46A**  
14 **AIRCRAFT OUTSIDE THE CONTINENTAL**  
15 **UNITED STATES.**

16 (a) FINDING.—Congress finds that the Department  
17 of Defense is continuing its process of permanently sta-  
18 tioning KC–46A aircraft at installations in the continental  
19 United States (CONUS) and forward-basing outside the  
20 continental United States (OCONUS).

21 (b) SENSE OF CONGRESS.—It is the sense of Con-  
22 gress that the Secretary of the Air Force, as part of the  
23 strategic basing process for KC–46A aircraft, should con-  
24 tinue to place emphasis on and consider the benefits de-

1 rived from locations outside the continental United States  
2 that—

3 (1) support day-to-day air refueling operations,  
4 operations plans of the combatant commands, and  
5 flexibility for contingency operations, and have—

6 (A) a strategic location that is essential to  
7 the defense of the United States and its inter-  
8 ests;

9 (B) receivers for boom or probe-and-drogue  
10 training opportunities with joint and inter-  
11 national partners; and

12 (C) sufficient airfield and airspace avail-  
13 ability and capacity to meet requirements; and

14 (2) possess facilities that—

15 (A) take full advantage of existing infra-  
16 structure to provide—

17 (i) runway, hangars, and aircrew and  
18 maintenance operations; and

19 (ii) sufficient fuels receipt, storage,  
20 and distribution capacities for a 5-day  
21 peacetime operating stock; and

22 (B) minimize overall construction and  
23 operational costs.

1 **SEC. 1048. AUTHORIZATION TO PROCURE UP TO SIX POLAR-**  
2 **CLASS ICEBREAKERS.**

3 (a) **AUTHORITY TO PROCURE ICEBREAKERS.—**

4 (1) **IN GENERAL.—**The Secretary of the depart-  
5 ment in which the Coast Guard is operating may, in  
6 consultation with the Secretary of the Navy, enter  
7 into a contract or contracts for the procurement of  
8 up to six polar-class icebreakers, including—

9 (A) polar-class heavy icebreakers; and

10 (B) polar-class medium icebreakers.

11 (2) **CONDITION FOR OUT-YEAR CONTRACT PAY-**  
12 **MENTS.—**A contract entered into under paragraph  
13 (1) shall provide that any obligation of the United  
14 States to make a payment under the contract for a  
15 fiscal year after fiscal year 2018 is subject to the  
16 availability of appropriations or funds for that pur-  
17 pose for such later fiscal year.

18 (b) **COMPTROLLER GENERAL OF THE UNITED**  
19 **STATES REPORT.—**

20 (1) **IN GENERAL.—**Not later than 45 days after  
21 the date of the enactment of the this Act, the Comp-  
22 troller General of the United States shall submit to  
23 the Committees on Armed Services of the Senate  
24 and the House of Representatives, the Committee on  
25 Commerce, Science, and Transportation of the Sen-  
26 ate, and the Committee on Transportation and In-

1        frastructure of the House of Representatives a re-  
2        port assessing the cost and procurement schedule for  
3        new United States icebreakers.

4            (2) ELEMENTS.—The report required in para-  
5        graph (1) shall include an analysis of the following:

6            (A) The current status of the efforts of the  
7        Coast Guard to acquire new icebreaking capa-  
8        bility, including coordination through the Inte-  
9        grated Program Office.

10          (B) Actions being taken by the Coast  
11        Guard to incorporate key practices from other  
12        nations that procure icebreakers to increase  
13        knowledge and reduce costs and risks.

14          (C) The extent by which the cost and  
15        schedule for building Coast Guard icebreakers  
16        differs from those in other countries, if known.

17          (D) The extent that innovative acquisition  
18        practices (such as multiyear funding and block  
19        buys) may be applied to icebreaker acquisition  
20        to reduce the cost and accelerate the schedule.

21          (E) A capacity replacement plan to miti-  
22        gate a potential icebreaker capability gap if the  
23        Polar Star cannot remain in service.

24          (F) Any other matters the Comptroller  
25        General considers appropriate.

## 1     **Subtitle F—Studies and Reports**

### 2     **SEC. 1061. ASSESSMENT OF GLOBAL FORCE POSTURE.**

3           (a) **ASSESSMENT REQUIRED.**—The Secretary of De-  
4     fense shall, in consultation with the Chairman of the Joint  
5     Chiefs of Staff and the commanders of the combatant  
6     commands, provide for and oversee an assessment of the  
7     global force posture of the Armed Forces.

8           (b) **REPORT.**—Not later than the earlier of 180 days  
9     after the production of the 2018 National Defense Strat-  
10    egy (which is intended to be closely coordinated with and  
11    complementary to a new National Security Strategy) or  
12    December 31, 2018, the Secretary shall submit to the  
13    Committees on Armed Services of the Senate and the  
14    House of Representatives a report on the assessment re-  
15    quired by subsection (a). The report shall include the fol-  
16    lowing:

17           (1) Recommendations for force size, structure,  
18           and basing in Europe, the Middle East, and Asia  
19           Pacific that reflect and complement the force sizing  
20           construct included in the 2018 National Defense  
21           Strategy in order to guide the growth of the force  
22           structure of the Armed Forces, which recommenda-  
23           tions shall be based on an evaluation of the relative  
24           costs of rotational and forward-based forces as well  
25           as impacts to deployment timelines of threats to

1 lines of communication and anti-access area denial  
2 capabilities of potential adversaries.

3 (2) An assessment by each commander of a ge-  
4 ographic combatant command of the capability and  
5 force structure gaps within the context of an evalua-  
6 tion of the potential threats in the theater of oper-  
7 ations of the combatant command concerned and the  
8 operation plans that such combatant command are  
9 expected to execute.

10 (3) An evaluation of the concept of operations  
11 and the sources of manpower for headquarters re-  
12 quired to oversee and direct execution of current op-  
13 erations plans.

14 **SEC. 1062. ARMY MODERNIZATION STRATEGY.**

15 (a) STRATEGY REQUIRED.—The Secretary of the  
16 Army shall develop a modernization strategy for the total  
17 Army.

18 (b) ELEMENTS.—The strategy required by subsection  
19 (a) shall include the following:

20 (1) A comprehensive description of the future  
21 total Army, including key objectives, war fighting  
22 challenges, and risks, sufficient to establish require-  
23 ments, set priorities, identify opportunity costs, and  
24 establish acquisition time lines for the total Army  
25 over a period beyond the period of the current fu-

1       ture-years defense program under section 221 of  
2       title 10, United States Code.

3               (2) Mechanisms for identifying programs of the  
4       Army that may be unnecessary, or do not perform  
5       according to expectations, in achieving the future  
6       total Army.

7               (3) A comprehensive description of the manner  
8       in which the future total Army intends to fight and  
9       win as part of a joint force engaged in combat  
10      across all operational domains.

11              (4) A comprehensive description of the mecha-  
12      nisms required by the future total Army to maintain  
13      command, control, and communications and  
14      sustainment.

15      (c) PARTICULAR CONSIDERATIONS.—In developing  
16      the strategy required by subsection (a), the Secretary shall  
17      take into particular account the following:

18              (1) Current trends and developments in weap-  
19      ons and equipment technologies.

20              (2) New tactics and force design of peer adver-  
21      saries, including the rapid pace of development of  
22      such tactics and force design by such adversaries.

23      (d) REPORT.—

24              (1) IN GENERAL.—Not later than 90 days after  
25      the date of the enactment of this Act, the Secretary

1 shall submit to the congressional defense committees  
2 the strategy required by subsection (a).

3 (2) FORM.—If the report is submitted in classi-  
4 fied form, the report shall be accompanied by an un-  
5 classified summary.

6 **SEC. 1063. REPORT ON ARMY PLAN TO IMPROVE OPER-**  
7 **ATIONAL UNIT READINESS BY REDUCING**  
8 **NUMBER OF NON-DEPLOYABLE SOLDIERS AS-**  
9 **SIGNED TO OPERATIONAL UNITS.**

10 Not later than 90 days after the date of the enact-  
11 ment of this Act, the Secretary of the Army shall submit  
12 to the congressional defense committees a report on the  
13 plans of the Army to improve operational unit readiness  
14 in the Army by reducing the number of non-deployable  
15 soldiers assigned to operational units of the Army and re-  
16 placing such soldiers with soldiers capable of world-wide  
17 deployment.

18 **SEC. 1064. EFFORTS TO COMBAT PHYSIOLOGICAL EPI-**  
19 **ISODES ON CERTAIN NAVY AIRCRAFT.**

20 (a) IN GENERAL.—Not later than 30 days after the  
21 date of the enactment of this Act, and every 90 days there-  
22 after until January 1, 2020, the Secretary of the Navy  
23 shall provide to the congressional defense committees in-  
24 formation on efforts by the Navy’s Physiological Episode  
25 Team to combat the prevalence of physiological episodes

1 in F/A-18 Hornet and Super Hornet, EA-18G Growler,  
2 and T-45 Goshawk aircraft.

3 (b) ELEMENTS.—The information required under  
4 subsection (a) shall include the following elements:

5 (1) A description of Naval Aviation Enterprise  
6 activities addressing physiological episodes during  
7 the reporting period.

8 (2) An estimate of funding expended in support  
9 of the activities described under paragraph (1).

10 (3) A description of any planned or executed  
11 changes to Physiological Episode Team structure or  
12 processes.

13 (4) A description of activities planned for the  
14 upcoming two quarters.

15 (c) FORM.—The information required under sub-  
16 section (a) may be provided in a written report or a brief-  
17 ing.

18 **SEC. 1065. STUDIES ON AIRCRAFT INVENTORIES FOR THE**

19 **AIR FORCE.**

20 (a) INDEPENDENT STUDIES.—

21 (1) IN GENERAL.—The Secretary of Defense  
22 shall provide for the performance of three inde-  
23 pendent studies of alternative aircraft inventories  
24 through 2030, and an associated force-sizing con-  
25 struct, for the Air Force.

1           (2) SUBMITTAL TO CONGRESS.—Not later than  
2           March 1, 2019, the Secretary shall submit the re-  
3           sults of each study to the congressional defense com-  
4           mittees.

5           (3) FORM.—The result of each study shall be  
6           submitted in unclassified form, but may include a  
7           classified annex.

8           (b) ENTITIES TO PERFORM STUDIES.—The Sec-  
9           retary shall provide for the studies under subsection (a)  
10          to be performed as follows:

11           (1) One study shall be performed by the Sec-  
12          retary of the Air Force, in consultation with the Di-  
13          rector of the Office of Net Assessment.

14           (2) One study shall be performed by a federally  
15          funded research and development center.

16           (3) One study shall be conducted by an inde-  
17          pendent, nongovernmental institute which is de-  
18          scribed in section 501(c)(3) of the Internal Revenue  
19          Code of 1986 and exempt from taxation under sec-  
20          tion 501(a) of such Code, and has recognized cre-  
21          dentials and expertise in national security and mili-  
22          tary affairs.

23          (c) PERFORMANCE OF STUDIES.—

1           (1) INDEPENDENT PERFORMANCE.—The Sec-  
2           retary shall require the studies under this section to  
3           be conducted independently of one another.

4           (2) MATTERS TO BE CONSIDERED.—In per-  
5           forming a study under this section, the organization  
6           performing the study, while being aware of current  
7           and projected aircraft inventories for the Air Force,  
8           shall not be limited by such current or projected air-  
9           craft inventories, and shall consider the following  
10          matters:

11                   (A) The national security and national de-  
12                   fense strategies of the United States.

13                   (B) Potential future threats to the United  
14                   States and to United States air and space  
15                   forces through 2030.

16                   (C) Traditional roles and missions of the  
17                   Air Force.

18                   (D) Alternative roles and missions for the  
19                   Air Force.

20                   (E) The force-sizing methodology and ra-  
21                   tionale used to calculated aircraft inventory lev-  
22                   els.

23                   (F) Other government and nongovernment  
24                   analyses that would contribute to the study

1 through variations in study assumptions or po-  
2 tential scenarios.

3 (G) The role of evolving technology on fu-  
4 ture air forces, including unmanned and space  
5 systems.

6 (H) Opportunities for reduced operation  
7 and sustainment costs.

8 (I) Current and projected capabilities of  
9 other Armed Forces that could affect force  
10 structure capability and capacity requirements  
11 of the Air Force.

12 (d) STUDY RESULTS.—The results of each study  
13 under this section shall—

14 (1) identify a force-sizing construct for the Air  
15 Force that connects national security strategy to air-  
16 craft inventories;

17 (2) present the alternative aircraft inventories  
18 considered, with assumptions and possible scenarios  
19 identified for each;

20 (3) provide for presentation of minority views of  
21 study participants; and

22 (4) for the recommended inventories, provide—

23 (A) the numbers and types of aircraft, the  
24 numbers and types of manned and unmanned

1 aircraft, and the basic capabilities of each of  
2 such platforms;

3 (B) describe the force-sizing rationale used  
4 to arrive at the recommended inventory levels;

5 (C) other information needed to under-  
6 stand the aircraft inventories in basic form and  
7 the supporting analysis; and

8 (D) options to address aircraft types whose  
9 retirement commences before 2030.

10 **SEC. 1066. PLAN AND RECOMMENDATIONS FOR INTER-**  
11 **AGENCY VETTING OF FOREIGN INVEST-**  
12 **MENTS WITH POTENTIAL IMPACTS ON NA-**  
13 **TIONAL DEFENSE AND NATIONAL SECURITY.**

14 (a) **PLAN AND RECOMMENDATIONS REQUIRED.**—The  
15 Secretary of Defense shall, in consultation with the Sec-  
16 retary of State and the Secretary of Treasury, assess and  
17 develop a plan, and recommendations for agencies of the  
18 United States Government other than the Department of  
19 Defense, to improve the effectiveness of interagency vet-  
20 ting of foreign investments that could potentially impair  
21 both the national security of the United States and the  
22 ability of the Department to defend the nation, specifically  
23 investments from nations that pose threats to the national  
24 security interests of the United States.

1 (b) OBJECTIVES.—The assessment, plan, and rec-  
2 ommendations required by subsection (a) shall have the  
3 following objectives:

4 (1) To increase collaboration and coordination  
5 among the Department of Defense and other agen-  
6 cies of the United States Government, including the  
7 Director of National Intelligence, in the identifica-  
8 tion and prevention of foreign investments that  
9 could potentially impair the national security of the  
10 United States and the ability of the Department to  
11 defend the nation.

12 (2) To increase collaboration and cooperation  
13 among the United States Government and govern-  
14 ments of United States allies and partners on invest-  
15 ments described in paragraph (1), including through  
16 information sharing.

17 (3) To restrict investments described in para-  
18 graph (1) by countries of special concern in critical  
19 technologies and emerging technologies that are  
20 foundational for maintaining the United States tech-  
21 nological advantage.

22 (c) ANALYSIS OF ISSUES.—The plan and rec-  
23 ommendations required by subsection (a) shall be based  
24 upon the results of an analysis of issues as follows:

1           (1) Whether the current interagency vetting  
2 processes and policies place adequate focus on the  
3 country of origin of each transaction, particularly  
4 when it is a country of special concern, and whether  
5 certain transactions emanating from those countries  
6 should be presumed to pose certain risks to the abil-  
7 ity of the Department to defend the nation.

8           (2) What are the current or projected major  
9 vulnerabilities of the Department pertaining to for-  
10 eign investment, including in the areas of cybersecu-  
11 rity, reliance on foreign suppliers in the supply chain  
12 for defense equipment, limitations on access to cer-  
13 tain materials that are essential for national defense,  
14 and the use of transportation assets and other crit-  
15 ical infrastructure for training, mobilizing, and de-  
16 ploying forces.

17           (3) Whether the current interagency vetting  
18 process for foreign investments—

19                   (A) requires additional resources in order  
20 to be effective;

21                   (B) permits the Department adequate time  
22 to thoroughly review transactions to conduct  
23 national security threat assessments and also  
24 determine the impacts of transactions on na-  
25 tional defense;

1           (C) adequately takes into account risks to  
2           the ability of the Department to defend the na-  
3           tion posed by transactions before attempting to  
4           mitigate them in various ways; and

5           (D) provides adequate monitoring and  
6           compliance of agreements to mitigate such  
7           risks.

8           (4) Whether other agencies of the United  
9           States Government, including the Department of the  
10          Interior, are aware of the counterintelligence risks  
11          posed to facilities of the Department by purchases or  
12          leases of nearby Federal land and are cooperative in  
13          providing information to permit a proper assessment  
14          of those risks.

15          (5) Whether and to what extent industrial espi-  
16          onage is occurring against private United States  
17          companies to obtain commercial secrets related to  
18          critical or foundational technologies.

19          (6) Whether and to what extent future foreign  
20          investments have the potential for any of the fol-  
21          lowing:

22                (A) To increase the cost to the Depart-  
23                ment of acquiring or maintaining necessary de-  
24                fense-related equipment and systems.

1           (B) To reduce the United States techno-  
2           logical and industrial advantage relative to any  
3           country of special concern.

4           (C) To give any country of special concern  
5           a heightened ability to conduct information  
6           warfare against the United States, including  
7           through the spread false or misleading informa-  
8           tion to the American public and the manipula-  
9           tion of American public opinion on critical pub-  
10          lic policy issues.

11          (7) Whether currently mandated annual reports  
12          to Congress on the interagency vetting of foreign in-  
13          vestments provide valuable information.

14          (d) ELEMENTS.—The elements of the assessment,  
15          plan, and recommendations required by subsection (a)  
16          shall include the following:

17               (1) A list of countries of special concern for in-  
18               vestments that could potentially impair the ability of  
19               the Department to defend the nation.

20               (2) A description of recent trends in foreign in-  
21               vestment transactions by countries of special con-  
22               cern, including joint ventures, the sale of assets pur-  
23               suant to bankruptcy, and the purchase or lease of  
24               real estate in proximity to military installations.

1           (3) A description of any strategies used by  
2 countries of special concern to exploit vulnerabilities  
3 in existing foreign investment vetting processes and  
4 regulations.

5           (4) An assessment of any market distortion or  
6 unfair competition by any country of special concern  
7 that directly or indirectly impairs the national secu-  
8 rity or the United States and the ability of the De-  
9 partment to defend the nation.

10 (e) REPORTS.—

11           (1) INTERIM REPORT.—Not later than 90 days  
12 after the date of the enactment of this Act, the Sec-  
13 retary of Defense shall submit to the Committees on  
14 Armed Services of the Senate and the House of Rep-  
15 resentatives a report on the progress of the Sec-  
16 retary in developing the plan and recommendations  
17 required by subsection (a).

18           (2) FINAL REPORT.—Not later than 180 days  
19 after the date of the enactment of this Act, the Sec-  
20 retary shall submit to the committees of Congress  
21 referred to in paragraph (1) a report setting forth  
22 the plan and recommendations developed pursuant  
23 to subsection (a).

1           (3) FORM.—Each report under this subsection  
2           shall be submitted in unclassified form, but may in-  
3           clude a classified annex.

4 **SEC. 1067. REPORT ON AUTHORITIES FOR THE EMPLOY-**  
5 **MENT, USE, AND STATUS OF NATIONAL**  
6 **GUARD AND RESERVE TECHNICIANS.**

7           (a) IN GENERAL.—Not later than April 1, 2018, the  
8 Secretary of Defense shall submit to the Committees on  
9 Armed Services of the Senate and the House of Represent-  
10 atives a report setting forth the results of a review, under-  
11 taken by the Secretary for purposes of the report, of the  
12 following:

13           (1) Authority for the employment, use, and sta-  
14 tus of National Guard technicians under section 709  
15 of title 32, United States Code (commonly referred  
16 to as the “National Guard Technicians Act of  
17 1968”).

18           (2) Authorities for the employment, use, and  
19 status of National Guard and Reserve technicians  
20 under sections 10216 through 10218 of title 10,  
21 United States Code.

22           (3) Any other authorities on the employment,  
23 use, and status of National Guard and Reserve tech-  
24 nicians under law.

1 (b) PURPOSES.—The purposes of the review required  
2 pursuant to subsection (a) shall be as follows:

3 (1) To define the mission and requirements of  
4 National Guard and Reserve technicians.

5 (2) To identify means to improve the manage-  
6 ment and administration of the National Guard and  
7 Reserve technician workforce.

8 (3) To identify means to enhance the capability  
9 of the Department of Defense to recruit and retain  
10 National Guard and Reserve technicians.

11 (4) To assess the current career progression  
12 tracks of National Guard and Reserve technicians.

13 (c) CONSULTATION.—In conducting the review re-  
14 quired pursuant to subsection (a), the Secretary shall con-  
15 sult with the Chief of the National Guard Bureau, the  
16 Chief of Army Reserve, the Chief of Air Force Reserve,  
17 and representatives of National Guard and Reserve techni-  
18 cians (including collective bargaining representatives of  
19 such technicians).

20 (d) INCLUSION OF RECENT AUTHORITIES IN RE-  
21 VIEW.—The Secretary shall ensure that the review re-  
22 quired pursuant to subsection (a) takes into account au-  
23 thorities, and modifications of authorities, for the employ-  
24 ment, use, and status of National Guard and Reserve tech-  
25 nicians in the National Defense Authorization Act for Fis-

1 cal Year 2016 (Public Law 114–92) and the National De-  
2 fense Authorization Act for Fiscal Year 2017 (Public Law  
3 114–328).

4 (e) REQUIRED ELEMENTS.—In meeting the purposes  
5 of the review as set forth in subsection (b), the review re-  
6 quired pursuant to subsection (a) shall address, in par-  
7 ticular, the following:

8 (1) The extent to which National Guard and  
9 Reserve technicians are assigned military duties in-  
10 consistent with, or of a different nature than, their  
11 civilian duties, the impact of such assignments on  
12 unit readiness, and the effect of such assignments  
13 on the career progression of technicians.

14 (2) The use by the Department of Defense (es-  
15 pecially within the National Guard) of selective re-  
16 tention boards to separate National Guard and Re-  
17 serve technicians from military service (with the ef-  
18 fect of thereby separating them from civilian service)  
19 before they accrue a full, unreduced retirement an-  
20 nuity in connection with Federal civilian service, and  
21 whether that use is consistent with the authority in  
22 section 10216(f) of title 10, United States Code,  
23 that technicians be permitted to remain in service  
24 past their mandatory separation date until they  
25 qualify for an unreduced retirement annuity.

1           (3) The feasibility and advisability of extending  
2           eligibility for benefits under the TRICARE program  
3           to National Guard and Reserve technicians, includ-  
4           ing the types, if any, of benefits whose extension  
5           would be feasible and advisable.

6           (4) The impact on recruitment and retention,  
7           and the budgetary impact, of permitting National  
8           Guard and Reserve technicians who receive an en-  
9           listment incentive before becoming a technician to  
10          retain such incentive upon becoming a technician.

11          (f) REPORT ELEMENTS.—The report required by  
12          subsection (a) shall include the following:

13               (1) The results of the review undertaken pursu-  
14               ant to subsection (a), including on the matters set  
15               forth in subsections (b) and (e).

16               (2) Such recommendations for legislative or ad-  
17               ministrative action as the Secretary considers appro-  
18               priate in light of the review in order to improve and  
19               enhance the employment, use, and status of Na-  
20               tional Guard and Reserve technicians.

1 **SEC. 1068. CONFORMING REPEALS AND TECHNICAL**  
2 **AMENDMENTS IN CONNECTION WITH RE-**  
3 **PORTS OF THE DEPARTMENT OF DEFENSE**  
4 **WHOSE SUBMITTAL TO CONGRESS HAS PRE-**  
5 **VIOUSLY BEEN TERMINATED BY LAW.**

6 (a) TITLE 10, UNITED STATES CODE.—Title 10,  
7 United States Code, is amended as follows:

8 (1) Section 113(c) is amended—

9 (A) by striking paragraph (2);

10 (B) by striking “(1)”; and

11 (C) by redesignating subparagraphs (A),  
12 (B), and (C) as paragraphs (1), (2), and (3),  
13 respectively.

14 (2) Section 113 is further amended by striking  
15 subsection (l).

16 (3)(A) Section 115a is repealed.

17 (B) The table of sections at the beginning of  
18 chapter 2 is amended by striking the item relating  
19 to section 115a.

20 (4) Section 386(c)(1) is amended by striking  
21 “331.”.

22 (5)(A) Section 235 is repealed.

23 (B) The table of sections at the beginning of  
24 chapter 9 is amended by striking the item relating  
25 to section 235.

1           (6) Section 428 is amended by striking sub-  
2 section (f).

3           (7) Section 974(d) is amended by striking para-  
4 graph (3).

5           (8) Section 1073b is amended—

6                 (A) by striking subsection (a); and

7                 (B) by redesignating subsections (b) and  
8 (c) as subsections (a) and (b), respectively.

9           (9) Section 1597 is amended—

10                 (A) by striking subsection (c);

11                 (B) by redesignating subsections (d), (e),  
12 and (f) as subsections (c), (d), and (e), respec-  
13 tively; and

14                 (C) in subsection (c), as redesignated by  
15 subparagraph (B), by striking “or a master  
16 plan prepared under subsection (c)”.

17           (10) Section 1705 is amended—

18                 (A) by striking subsection (f); and

19                 (B) by redesignating subsections (g) and  
20 (h) as subsections (f) and (g), respectively.

21           (11) Section 1722b is amended by striking sub-  
22 section (c).

23           (12) Section 1781b is amended by striking sub-  
24 section (d).

25           (13) Section 2193b is amended—

1 (A) by striking subsection (g); and

2 (B) by redesignating subsection (h) as sub-  
3 section (g).

4 (14) Section 2262 is amended by striking sub-  
5 section (d).

6 (15) Section 2263 is amended—

7 (A) by striking subsection (b); and

8 (B) by redesignating subsection (c) as sub-  
9 section (b).

10 (16)(A) Section 2277 is repealed.

11 (B) The table of sections at the beginning of  
12 chapter 135 is amended by striking the item relating  
13 to section 2277.

14 (17) Section 2306b(1) is amended—

15 (A) by striking paragraphs (4) and (5);  
16 and

17 (B) by redesignating paragraphs (6), (7),  
18 (8), and (9) as paragraphs (4), (5), and (6),  
19 and (7), respectively.

20 (18)(A) Section 2313a is repealed.

21 (B) The table of sections at the beginning of  
22 chapter 137 is amended by striking the item relating  
23 to section 2313a.

24 (19) Section 2330a is amended by striking sub-  
25 section (c).

1           (20) Section 2350j is amended by striking sub-  
2           section (f).

3           (21) Section 2410i(c) is amended by striking  
4           the second sentence.

5           (22) Section 2475 is amended—

6                 (A) by striking subsection (a); and

7                 (B) by striking “(b) NOTIFICATION OF DE-  
8           CISION TO EXECUTE PLAN.—”.

9           (23) Section 2506 is amended—

10                (A) by striking “(a) DEPARTMENTAL  
11           GUIDANCE.—”; and

12                (B) by striking subsection (b).

13           (24) Section 2537 is amended—

14                (A) by striking subsection (b); and

15                (B) by redesignating subsection (c) as sub-  
16           section (b).

17           (25) Section 2564 is amended—

18                (A) by striking subsection (e); and

19                (B) by redesignating subsections (f) and  
20           (g) as subsection (e) and (f), respectively.

21           (26) Section 2831 is amended—

22                (A) by striking subsection (e);

23                (B) by redesignating subsection (f) as sub-  
24           section (e); and

25                (C) in subsection (e), as so redesignated—

1 (i) by striking “(1) Except as pro-  
2 vided in paragraphs (2) and (3), the Sec-  
3 retary” and inserting “The Secretary”;

4 (ii) by striking paragraphs (2) and  
5 (3); and

6 (iii) by redesignating subparagraphs  
7 (A) and (B) as paragraphs (1) and (2), re-  
8 spectively.

9 (27) Section 2859 is amended—

10 (A) by striking subsection (c); and

11 (B) by redesignating subsection (d) as sub-  
12 section (c).

13 (28) Section 2861 is amended by striking sub-  
14 section (d).

15 (29) Section 2866(b) is amended by striking  
16 paragraph (3).

17 (30) Section 2912 is amended by striking sub-  
18 section (d).

19 (31)(A) Section 4316 is repealed.

20 (B) The table of sections at the beginning of  
21 chapter 401 is amended by striking the item relating  
22 to section 4316.

23 (32) Section 5144(d) is amended—

24 (A) by striking “(1)” before “The Com-  
25 mander”; and

1 (B) by striking paragraph (2).

2 (33) Section 10504 is amended—

3 (A) by striking “(a) ANNUAL REPORT.—”;

4 and

5 (B) by striking subsection (b).

6 (b) TITLE 32, UNITED STATES CODE.—Section 509

7 of title 32, United States Code, is amended—

8 (1) by striking subsection (k); and

9 (2) by redesignating subsections (l) and (m) as  
10 subsections (k) and (l), respectively.

11 (c) TITLE 5, UNITED STATES CODE.—Section  
12 9902(f)(2) of title 5, United States Code, is amended—

13 (1) by striking “(A)” after “(2)”; and

14 (2) by striking subparagraphs (B) and (C).

15 (d) DEPARTMENT OF DEFENSE AUTHORIZATION  
16 ACT, 1985.—Section 1003 of the Department of Defense  
17 Authorization Act, 1985 (Public Law 98–525; 22 U.S.C.  
18 1928 note) is amended by striking subsections (c) and (d).

19 (e) NATIONAL DEFENSE AUTHORIZATION ACT, FIS-  
20 CAL YEAR 1989.—Subsection (b) of section 1009 of the  
21 National Defense Authorization Act, Fiscal Year 1989  
22 (Public Law 100–456; 22 U.S.C. 1928 note) is repealed.

23 (f) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
24 FISCAL YEARS 1990 AND 1991.—Section 211 of the Na-  
25 tional Defense Authorization Act for Fiscal Years 1990

1 and 1991 (Public Law 101–189; 103 Stat. 1394) is  
2 amended by striking subsection (e).

3 (g) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
4 FISCAL YEAR 1991.—Section 1518 of the National De-  
5 fense Authorization Act for Fiscal Year 1991 (Public Law  
6 101–510; 24 U.S.C. 418) is amended—

7 (1) in subsection (c)(1), by striking “Congress  
8 and” in the second sentence; and

9 (2) in subsection (e)—

10 (A) by striking paragraph (2);

11 (B) by striking “(1)” before “Not later  
12 than”; and

13 (C) by redesignating subparagraphs (A)  
14 and (B) as paragraphs (1) and (2), respectively.

15 (h) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
16 FISCAL YEAR 1994.—Section 1603 of the National De-  
17 fense Authorization Act for Fiscal Year 1994 (Public Law  
18 103–160; 22 U.S.C. 2751 note) is amended by striking  
19 subsection (d).

20 (i) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
21 FISCAL YEAR 1995.—Section 533 of the National Defense  
22 Authorization Act for Fiscal Year 1995 (Public Law 103–  
23 337; 10 U.S.C. 113 note) is repealed.

24 (j) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
25 FISCAL YEAR 2000.—Section 366 of the National Defense

1 Authorization Act for Fiscal Year 2000 (Public Law 106–  
2 65; 10 U.S.C. 113 note) is amended by striking subsection  
3 (f).

4 (k) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
5 FISCAL YEAR 2002.—The National Defense Authoriza-  
6 tion Act for Fiscal Year 2002 (Public Law 107–107) is  
7 amended as follows:

8 (1) Section 346 (115 Stat. 1062) is amended—

9 (A) by striking subsections (b) and (c);

10 and

11 (B) by redesignating subsection (d) as sub-  
12 section (b).

13 (2) Section 1008(d) (10 U.S.C. 113 note) is  
14 amended—

15 (A) by striking “(1)” before “On each”;

16 and

17 (B) by striking paragraph (2).

18 (l) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
19 FISCAL YEAR 2003.—Section 817 of the Bob Stump Na-  
20 tional Defense Authorization Act for Fiscal Year 2003  
21 (Public Law 107–314; 10 U.S.C. 2306a note) is amend-  
22 ed—

23 (1) by striking subsection (d); and

24 (2) by redesignating subsection (e) as sub-  
25 section (d).

1 (m) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
2 FISCAL YEAR 2004.—Section 1022 of the National De-  
3 fense Authorization Act for Fiscal Year 2004 (Public Law  
4 108–136; 10 U.S.C. 271 note) is amended—

5 (1) by striking subsection (c); and

6 (2) by redesignating subsections (d) and (e) as  
7 subsections (c) and (d), respectively.

8 (n) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
9 FISCAL YEAR 2006.—The National Defense Authoriza-  
10 tion Act for Fiscal Year 2006 (Public Law 109–163) is  
11 amended as follows:

12 (1) Section 123 (119 Stat. 3157) is amended—

13 (A) by striking subsection (d); and

14 (B) by redesignating subsection (e) as sub-  
15 section (d).

16 (2) Section 218(c) (119 Stat. 3171) is amended  
17 by striking paragraph (3).

18 (3) Section 1224 (10 U.S.C. 113 note) is re-  
19 pealed.

20 (o) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
21 FISCAL YEAR 2007.—Section 357 of the John Warner  
22 National Defense Authorization Act for Fiscal Year 2007  
23 (Public Law 109–364; 22 U.S.C. 4865 note) is amend-  
24 ed—

1           (1) by striking “(a) RECONCILIATION RE-  
2           QUIRED.—”; and

3           (2) by striking subsection (b).

4           (p) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
5 FISCAL YEAR 2008.—The National Defense Authoriza-  
6 tion Act for Fiscal Year 2008 (Public Law 110–181) is  
7 amended as follows:

8           (1) Section 328 (10 U.S.C. 4544 note) is  
9 amended by striking subsection (b).

10           (2) Section 330 (122 Stat. 68) is amended by  
11 striking subsection (e).

12           (3) Section 845 (5 U.S.C. App. 5 note) is re-  
13 pealed.

14           (q) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
15 FISCAL YEAR 2009.—The Duncan Hunter National De-  
16 fense Authorization Act for Fiscal Year 2009 (Public Law  
17 110–417) is amended as follows:

18           (1) Section 943 (122 Stat. 4578) is amended—

19                   (A) by striking subsection (e); and

20                   (B) by redesignating subsections (f), (g),  
21 and (h) as subsections (e), (f), and (g), respec-  
22 tively.

23           (2) Section 1014 (122 Stat. 4586) is amended  
24 by striking subsection (c).

25           (3) Section 1048 (122 Stat. 4603) is repealed.

1           (r) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
2 FISCAL YEAR 2010.—Section 121 of the National Defense  
3 Authorization Act for Fiscal Year 2010 (Public Law 111–  
4 84; 123 Stat. 2211) is amended—

5           (1) by striking subsection (e); and

6           (2) by redesignating subsection (f) as sub-  
7 section (e).

8           (s) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
9 FISCAL YEAR 2011.—The Ike Skelton National Defense  
10 Authorization Act for Fiscal Year 2011 (Public Law 111–  
11 383) is amended as follows:

12           (1) Section 112(b) (124 Stat. 4153) is amend-  
13 ed—

14           (A) by striking paragraph (3); and

15           (B) by redesignating paragraph (4) as  
16 paragraph (3).

17           (2) Section 243 (10 U.S.C. 2358 note) is  
18 amended—

19           (A) by striking subsection (c); and

20           (B) by redesignating subsections (d) and  
21 (e) as subsections (c) and (d), respectively.

22           (3) Section 866(d) (10 U.S.C. 2302 note) is  
23 amended—

24           (A) by striking “(d) REPORTS.—” and all  
25 that follows through “(2) PROGRAM ASSESS-

1           MENT.—If the Secretary” and inserting the fol-  
2           lowing:

3           “(d) PROGRAM ASSESSMENT.—If the Secretary”;  
4 and

5                   (B) by redesignating subparagraphs (A),  
6           (B), and (C) as paragraphs (1), (2), and (3),  
7           respectively, and indenting the left margin of  
8           such paragraphs, as so redesignated, two ems  
9           from the left margin.

10           (4) Section 1054 (10 U.S.C. 113 note) is re-  
11           pealed.

12           (t) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
13 FISCAL YEAR 2012.—The National Defense Authoriza-  
14 tion Act for Fiscal Year 2012 (Public Law 112–81) is  
15 amended as follows:

16           (1) Subsection (b) of section 1102 (5 U.S.C.  
17           9902 note) is repealed.

18           (2) Section 1207 (22 U.S.C. 2151 note) is  
19           amended—

20                   (A) by striking subsection (n); and

21                   (B) by redesignating subsections (o) and  
22           (p) as subsections (n) and (o), respectively.

23           (3) Section 2828 (10 U.S.C. 7291 note) is  
24           amended—

1 (A) by striking “(a) METERING RE-  
2 QUIRED.—”; and

3 (B) by striking subsection (b).

4 (4) Section 2867 (10 U.S.C. 2223a note) is  
5 amended by striking subsection (d).

6 (u) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
7 FISCAL YEAR 2013.—The National Defense Authoriza-  
8 tion Act for Fiscal Year 2013 (Public Law 112–239) is  
9 amended as follows:

10 (1) Section 126 (126 Stat. 1657) is amended—

11 (A) by striking “(a) DESIGNATION RE-  
12 QUIRED.—”; and

13 (B) by striking subsection (b).

14 (2) Section 144 (126 Stat. 1663) is amended  
15 by striking subsection (c).

16 (3) Section 716 (10 U.S.C. 1074g note) is  
17 amended—

18 (A) by striking subsection (e); and

19 (B) by redesignating subsections (f) and  
20 (g) as subsections (e) and (f), respectively.

21 (4) Section 738(e) (10 U.S.C. 1071 note) is  
22 amended—

23 (A) by striking “REPORTS REQUIRED.—”  
24 and all that follows through “Not later than”  
25 and inserting “REPORT.—Not later than”; and

1 (B) by striking paragraph (2).

2 (5) Section 865 (126 Stat. 1861) is repealed.

3 (6) Section 917 (126 Stat. 1878) is repealed.

4 (7) Subsection (c) of section 921 (126 Stat.  
5 1878) is repealed.

6 (8) Subsection (c) of section 1079 (10 U.S.C.  
7 221 note) is repealed.

8 (9) Section 1211(d) (126 Stat. 1983) is amend-  
9 ed—

10 (A) by striking paragraph (3); and

11 (B) by redesignating paragraph (4) as  
12 paragraph (3).

13 (10) Section 1273 (22 U.S.C. 2421f) is amend-  
14 ed—

15 (A) by striking subsection (d); and

16 (B) by redesignating subsection (e) as sub-  
17 section (d).

18 (11) Section 1276 (10 U.S.C. 2350c note) is  
19 amended—

20 (A) by striking subsection (e); and

21 (B) by redesignating subsections (f) and  
22 (g) as subsections (e) and (f), respectively.

23 (v) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
24 FISCAL YEAR 2014.—The National Defense Authoriza-

1 tion Act for Fiscal Year 2014 (Public Law 113–66) is  
2 amended as follows:

3 (1) Section 907(c)(3) (10 U.S.C. 1564 note) is  
4 amended—

5 (A) by striking “METRICS.—” and all that  
6 follows through “In developing the strategy”  
7 and inserting “METRICS.—In developing the  
8 strategy”; and

9 (B) by striking subparagraph (B).

10 (2) Section 923 (10 U.S.C. prec. 421 note) is  
11 amended—

12 (A) by striking subsection (b); and

13 (B) by redesignating subsections (c), (d),  
14 and (e) as subsections (b), (c), and (d), respec-  
15 tively.

16 (3) Section 1249 (127 Stat. 925) is repealed.

17 (4) Section 1611 (127 Stat. 947) is amended  
18 by striking subsection (d).

19 (5) Section 2916 (127 Stat. 1028) is amend-  
20 ed—

21 (A) by striking “(a) PROGRAM OF DECON-  
22 TAMINATION REQUIRED.—”; and

23 (B) by striking subsection (b).

24 (w) NATIONAL DEFENSE AUTHORIZATION ACT FOR  
25 FISCAL YEAR 2015.—The Carl Levin and Howard P.

1 “Buck” McKeon National Defense Authorization Act for  
2 Fiscal Year 2015 (Public Law 113–291) is amended as  
3 follows:

4 (1) Section 232 (10 U.S.C. 2358 note) is  
5 amended—

6 (A) by striking subsection (e); and

7 (B) by redesignating subsections (f) and  
8 (g) as subsections (e) and (f), respectively.

9 (2) Section 914(d) (5 U.S.C. 5911 note) is  
10 amended—

11 (A) by striking paragraphs (2) and (3);

12 and

13 (B) by redesignating paragraph (4) as  
14 paragraph (2).

15 (3) Section 1052(b) (128 Stat. 3497) is amend-  
16 ed—

17 (A) by striking paragraph (2);

18 (B) by striking “REPORTS REQUIRED.—”

19 and all that follows through “Not later than”  
20 and inserting “REPORT.—Not later than”; and

21 (C) by redesignating subparagraphs (A),  
22 (B), and (C) as paragraphs (1), (2), and (3)  
23 and indenting the left margin of such para-  
24 graphs, as so redesignated, two ems from the  
25 left margin.

1           (4) Section 1207 (10 U.S.C. 2342 note) is  
2 amended—

3           (A) by striking subsection (d); and

4           (B) by redesignating subsections (e) and  
5 (f) as subsections (d) and (e), respectively.

6           (5) Section 1209 (128 Stat. 3542) is amended  
7 by striking subsection (d).

8           (6) Section 1236 (128 Stat. 3559) is amended  
9 by striking subsection (d).

10          (7) Section 1325 (50 U.S.C. 3715) is amend-  
11 ed—

12          (A) by striking subsection (e); and

13          (B) by redesignating subsections (f) and  
14 (g) as subsections (e) and (f), respectively.

15          (8) Section 1341 (50 U.S.C. 3741) is repealed.

16          (9) Section 1342 (50 U.S.C. 3742) is repealed.

17          (10) Section 1532(b) (128 Stat. 3613) is  
18 amended by striking paragraph (5).

19          (11) Section 1534 (128 Stat. 3616) is amend-  
20 ed—

21          (A) by striking subsection (g); and

22          (B) by redesignating subsection (h) as sub-  
23 section (g).

24          (12) Section 1607 (128 Stat. 3625) is amend-  
25 ed—

1 (A) by striking subsection (b);

2 (B) by redesignating subsections (c) and  
3 (d) as subsections (b) and (c), respectively; and

4 (C) in subsection (c), as redesignated by  
5 subparagraph (B), by striking “requirements  
6 under subsections (a) and (b)” and inserting  
7 “requirement in subsection (a)”.

8 (x) INTELLIGENCE REFORM AND TERRORISM PRE-  
9 VENTION ACT OF 2004.—Section 3002(c) of the Intel-  
10 ligence Reform and Terrorism Prevention Act of 2004 (50  
11 U.S.C. 3343(c)) is amended by striking paragraph (4).

12 **SEC. 1069. ANNUAL REPORTS ON APPROVAL OF EMPLOY-**  
13 **MENT OR COMPENSATION OF RETIRED GEN-**  
14 **ERAL OR FLAG OFFICERS BY FOREIGN GOV-**  
15 **ERNMENTS FOR EMOLUMENTS CLAUSE PUR-**  
16 **POSES.**

17 (a) ANNUAL REPORTS.—Section 908 of title 37,  
18 United States Code, is amended by adding at the end the  
19 following new subsection:

20 “(d) ANNUAL REPORTS ON APPROVALS FOR RE-  
21 TIRED GENERAL AND FLAG OFFICERS.—(1) Not later  
22 than January 31 each year, the Secretaries of the military  
23 departments shall jointly submit to the appropriate com-  
24 mittees and Members of Congress a report on each ap-  
25 proval under subsection (b) for employment or compensa-

1 tion described in subsection (a) for a retired member of  
2 the armed forces in a general or flag officer grade that  
3 was issued during the preceding year.

4 “(2) In this subsection, the appropriate committees  
5 and Members of Congress are—

6 “(A) the Committee on Armed Services, the  
7 Committee on Foreign Relations, and the Committee  
8 on Appropriations of the Senate;

9 “(B) the Committee on Armed Services, the  
10 Committee on Foreign Affairs, and the Committee  
11 on Appropriations of the House of Representatives;

12 “(C) the Majority Leader and the Minority  
13 Leader of the Senate; and

14 “(D) the Speaker of the House of Representa-  
15 tives and the Minority Leader of the House of Rep-  
16 resentatives.”.

17 (b) SCOPE OF FIRST REPORT.—The first report sub-  
18 mitted pursuant to subsection (d) of section 908 of title  
19 37, United States Code (as added by subsection (a) of this  
20 section), after the date of the enactment of this Act shall  
21 cover the five-year period ending with the year before the  
22 year in which such report is submitted.

1 **SEC. 1070. ANNUAL REPORT ON CIVILIAN CASUALTIES IN**  
2 **CONNECTION WITH UNITED STATES MILI-**  
3 **TARY OPERATIONS.**

4 (a) ANNUAL REPORT REQUIRED.—Not later than  
5 May 1 each year, the Secretary of Defense shall submit  
6 to the congressional defense committees a report on civil-  
7 ian casualties caused as a result of United States military  
8 operations during the preceding year.

9 (b) ELEMENTS.—Each report under subsection (a)  
10 shall set forth the following:

11 (1) A list of all the United States military oper-  
12 ations during the year covered by such report that  
13 were confirmed to have resulted in civilian casual-  
14 ties.

15 (2) For each military operation listed pursuant  
16 to paragraph (1), the following:

17 (A) The date.

18 (B) The location.

19 (C) The type of operation.

20 (D) The confirmed number of civilian cas-  
21 ualties.

22 (c) FORM.—Each report under subsection (a) shall  
23 be submitted in unclassified form, but may include a clas-  
24 sified annex.

1 (d) SUNSET.—The requirement to submit a report  
2 under subsection (a) shall expire on the date that is five  
3 years after the date of the enactment of this Act.

4 **SEC. 1071. REPORT ON LARGE-SCALE, JOINT EXERCISES IN-**  
5 **VOLVING THE AIR AND LAND DOMAINS.**

6 (a) FINDINGS.—Congress makes the following find-  
7 ings:

8 (1) General Milley has stated that the Army  
9 would experience “High Military Risk” against  
10 emerging threats or great power conflict.

11 (2) General Goldfein has stated that “for 15  
12 consecutive years, the Army’s been decisively com-  
13 mitted to Iraq and Afghanistan and other counter  
14 terrorist, counter insurgency type operations. In  
15 order to do that, [the Air Force] essentially came off  
16 of a core warfare fighting skills of combined arms  
17 maneuver against a near peer or a higher end  
18 threat”.

19 (3) The United States has grown accustomed to  
20 technological supremacy and weapons overmatch to  
21 deter and defeat potential adversaries.

22 (4) The Department of Defense conducts sev-  
23 eral large-scale, joint exercises that stress interoper-  
24 ability in contested air and sea domains, including  
25 the VALIANT SHIELD, NORTHERN EDGE, and

1 RIMPAC exercises, yet few large-scale, joint Army  
2 and Air Force exercises exist to stress interoper-  
3 ability in contested air and land domains.

4 (5) Large-scale, joint training exercises that  
5 stress interoperability across domains are a vital  
6 part of establishing and maintaining military readi-  
7 ness for conflicts involving near-peer competitors.

8 (6) It is to the benefit of the United States and  
9 the North Atlantic Treaty Organization (NATO) to  
10 train to contested air and land operations in order  
11 to increase joint and coalition readiness, as well as  
12 to correct capability gaps in the European theatre of  
13 operations that may be discovered during these exer-  
14 cises.

15 (b) REPORT REQUIRED.—Not later than 180 days  
16 after the date of the enactment of this Act, the Secretary  
17 of the Defense shall submit to the congressional defense  
18 committees a report on the following:

19 (1) Existing large-scale, joint exercises involving  
20 the air and land domains.

21 (2) Plans to expand the scale and scope of the  
22 exercises described in paragraph (1).

23 (3) Plans to conduct new large-scale, joint exer-  
24 cises in the domains referred to in paragraph (1).

1           (c) POTENTIAL LOCATIONS FOR EXPANDED OR NEW  
2 EXERCISES.—The report under subsection (b) shall in-  
3 clude an analysis of potential locations for the expanded  
4 or new exercises covered by the plans described in para-  
5 graphs (2) and (3) of that subsection, with priority given  
6 to locations that facilitate training by and with—

7           (1) sufficient overlapping airspace and ground  
8 range capabilities and capacity to meet the training  
9 requirements for operating within an anti-access  
10 area denial (A2/AD) environment for air and ground  
11 operations;

12           (2) the ability to host bilateral and multilateral  
13 training opportunities with international partners in  
14 both the air and land domains;

15           (3) limited encroachments that adversely impact  
16 training or operations;

17           (4) robust use of the electromagnetic spectrum,  
18 including global positioning system (GPS), atmos-  
19 pheric, and communications-jamming;

20           (5) minimization of adversary intelligence col-  
21 lection capabilities;

22           (6) realistic replication of diverse geographic,  
23 topographic, and weather environments in which a  
24 near-peer combined air and ground campaign might  
25 occur;

1           (7) existing facilities to support personnel, oper-  
2           ations, and logistics associated with the flying mis-  
3           sions and ground maneuver missions; and

4           (8) minimization of overall construction and  
5           operational costs.

6 **SEC. 1072. DEPARTMENT OF DEFENSE REVIEW OF NAVY CA-**  
7                                   **PABILITIES IN THE ARCTIC REGION.**

8           (a) REPORT ON CAPABILITIES.—

9           (1) IN GENERAL.—Not later than 180 days  
10          after the date of the enactment of this Act, the Sec-  
11          retary of the Navy shall submit to the congressional  
12          defense committees a report on the capabilities of  
13          the Navy in the Arctic region.

14          (2) ELEMENTS.—The report required by para-  
15          graph (1) shall include an analysis of the following:

16                 (A) The current naval capabilities of the  
17                 Department of Defense in the Arctic region,  
18                 with a particular emphasis on surface capabili-  
19                 ties.

20                 (B) Any gaps that exist between the cur-  
21                 rent naval capabilities described in paragraph  
22                 (1) and the ability of the Department to fully  
23                 execute its updated strategy for the Arctic re-  
24                 gion.

1           (C) Any gaps in the capabilities described  
2           in paragraph (1) that require ice-hardening of  
3           existing vessels or the construction of new ves-  
4           sels to preserve freedom of navigation in the  
5           Arctic region whenever and wherever necessary.

6           (D) An analysis and recommendation of  
7           which Navy vessels could be ice-hardened to ef-  
8           fectively preserve freedom of navigation in the  
9           Arctic region when and where necessary, in all  
10          seasons and weather conditions.

11          (E) An analysis of any cost increases or  
12          schedule adjustments that may result from ice-  
13          hardening existing or new Navy vessels

14          (b) COMPTROLLER GENERAL OF THE UNITED  
15          STATES REVIEW.—Not later than 90 days after the date  
16          on which the Secretary submits the report required by  
17          subsection (a), the Comptroller General of the United  
18          States shall submit to the congressional defense commit-  
19          tees a review of the report, including any matters in con-  
20          nection with the report and the review that the Comp-  
21          troller General considers appropriate.

22          (c) FORM.—The report under subsection (a) and the  
23          review under subsection (b) shall each be submitted in un-  
24          classified form, but may include a classified annex.

1 **SEC. 1073. BUSINESS CASE ANALYSIS ON ESTABLISHMENT**  
2 **OF ACTIVE DUTY ASSOCIATION AND ADDI-**  
3 **TIONAL PRIMARY AIRCRAFT AUTHORIZA-**  
4 **TIONS FOR THE 168TH AIR REFUELING WING.**

5 (a) BUSINESS CASE ANALYSIS.—The Secretary of  
6 the Air Force shall conduct a business case analysis on  
7 the establishment of an active or classic association with  
8 the 168th Air Refueling Wing.

9 (b) ELEMENTS.—The business case analysis con-  
10 ducted under subsection (a) shall address the following:

11 (1) Consideration of the addition of two F-35A  
12 squadrons at Eielson Air Force Base, Alaska, in  
13 2020, and an examination of future shortfalls in air  
14 refueling requirements due to such additional air-  
15 craft.

16 (2) An analysis of potential benefits of adding  
17 four primary aircraft authorizations (PAA) for KC-  
18 135R tanker aircraft to the 168th Air Refueling  
19 Wing.

20 (3) Identification of efficiencies and cost sav-  
21 ings to be achieved by the 168th Air Refueling Wing  
22 after an active or classic association is in place in  
23 comparison with temporarily assigned tanker aug-  
24 mentation rotations.



1 (1) Anti-submarine warfare rotary wing air-  
2 craft.

3 (2) Search and rescue rotary wing aircraft.

## 4 **Subtitle G—Other Matters**

### 5 **SEC. 1081. PROTECTION AGAINST MISUSE OF NAVAL SPE-** 6 **CIAL WARFARE COMMAND INSIGNIA.**

7 (a) IN GENERAL.—Chapter 663 of title 10, United  
8 States Code, is amended by adding at the end the fol-  
9 lowing new section:

#### 10 **“§ 7882. Protection against misuse of insignia of** 11 **Naval Special Warfare Command**

12 “(a) PROTECTION AGAINST MISUSE.—Subject to  
13 subsection (b), no person may use any covered Naval Spe-  
14 cial Warfare insignia in connection with any promotion,  
15 good, service, or other commercial activity when a par-  
16 ticular use would be likely to suggest a false affiliation,  
17 connection, or association with, endorsement by, or ap-  
18 proval of, the United States Government, the Department  
19 of Defense, or the Department of the Navy.

20 “(b) EXCEPTION.—Subsection (a) shall not apply to  
21 the use of a covered Naval Special Warfare insignia for  
22 purposes such as criticism, comment, news reporting,  
23 analysis, research, or scholarship.

24 “(c) TREATMENT OF DISCLAIMERS.—Any determina-  
25 tion of whether a person has violated this section shall

1 be made without regard to any use of a disclaimer of affili-  
2 ation, connection, or association with, endorsement by, or  
3 approval of the United States Government, the Depart-  
4 ment of Defense, the Department of the Navy, or any sub-  
5 ordinate organization thereof to the extent consistent with  
6 international obligations of the United States.

7       “(d) ENFORCEMENT.—Whenever it appears to the  
8 Attorney General that any person is engaged in, or is  
9 about to engage in, an act or practice that constitutes or  
10 will constitute conduct prohibited by this section, the At-  
11 torney General may initiate a civil proceeding in a district  
12 court of the United States to enjoin such act or practice,  
13 and such court may take such injunctive or other action  
14 as is warranted to prevent the act, practice, or conduct.

15       “(e) RULE OF CONSTRUCTION.—Nothing in this sec-  
16 tion shall be construed to limit the authority of the Sec-  
17 retary of the Navy to register any symbol, name, phrase,  
18 term, acronym, or abbreviation otherwise capable of reg-  
19 istration under the provisions of the Act of July 5, 1946,  
20 popularly known as the Lanham Act or the Trademark  
21 Act of 1946 (15 U.S.C. 1051 et seq.).

22       “(f) COVERED NAVAL SPECIAL WARFARE INSIGNIA  
23 DEFINED.—In this section, the term ‘covered Naval Spe-  
24 cial Warfare insignia’ means any of the following:

1           “(1) The Naval Special Warfare insignia com-  
2           prising or consisting of the design of an eagle hold-  
3           ing an anchor, trident, and flint-lock pistol.

4           “(2) The Special Warfare Combatant Craft  
5           Crewman insignia comprising or consisting of the  
6           design of the bow and superstructure of a Special  
7           Operations Craft on a crossed flint-lock pistol and  
8           enlisted cutlass, on a background of ocean swells.

9           “(3) Any colorable imitation of the insignia re-  
10          ferred to in paragraphs (1) and (2), in a manner  
11          which could reasonably be interpreted or construed  
12          as conveying the false impression that an advertise-  
13          ment, solicitation, business activity, or product is in  
14          any manner approved, endorsed, sponsored, or au-  
15          thorized by, or associated with, the United States  
16          Government, the Department of Defense, or the De-  
17          partment of the Navy.”.

18          (b) CLERICAL AMENDMENT.—The table of sections  
19          at the beginning of chapter 663 of such title is amended  
20          by adding at the end the following new item:

“7882. Protection against misuse of insignia of Naval Special Warfare Com-  
mand.”.

1 **SEC. 1082. COLLABORATIONS BETWEEN THE ARMED**  
2 **FORCES AND CERTAIN NON-FEDERAL ENTI-**  
3 **TIES ON SUPPORT OF ARMED FORCES MIS-**  
4 **SIONS ABROAD.**

5 (a) FINDING.—The Senate finds that qualified non-  
6 Federal entities have contributed to enhance the effective-  
7 ness of the mission of the Department of Defense through  
8 the provision of private humanitarian, economic, and other  
9 non-lethal assistance from United States citizens in re-  
10 sponse to local needs identified by members of the Armed  
11 Forces in areas in which the Armed Forces are deployed  
12 abroad.

13 (b) SENSE OF SENATE.—It is the sense of the Senate  
14 that United States military commanders should collabo-  
15 rate with and, consistent with applicable laws and regula-  
16 tions, provide transportation, lodging, and other logistical  
17 support to qualified non-Federal entities to advance mis-  
18 sions of the Armed Forces abroad.

19 (c) GUIDANCE ON COLLABORATIONS.—

20 (1) REVIEW OF CURRENT GUIDANCE.—Not  
21 later than 120 days after the date of the enactment  
22 of this Act, the Secretary of Defense shall conduct  
23 a review of the guidance of the Department of De-  
24 fense applicable to collaborations between United  
25 States military commanders and qualified non-Fed-

1       eral entities for support of missions of the Armed  
2       Forces abroad.

3           (2) ADDITIONAL GUIDANCE.—If the Secretary  
4       determines pursuant to the review that additional  
5       guidance is required in connection with collabora-  
6       tions described in paragraph (1), the Secretary shall,  
7       not later than 180 days after the date of the enact-  
8       ment of this Act, issue such additional guidance as  
9       the Secretary considers appropriate in light of the  
10      review, consistent with applicable law.

11          (3) BRIEFING.—Not later than 150 days after  
12      the date of the enactment of this Act, the Secretary  
13      shall provide to the Committees on Armed Services  
14      of the Senate and the House of Representatives a  
15      briefing on the findings of the review, including rec-  
16      ommendations for such legislative action as the Sec-  
17      retary considers appropriate to facilitate collabora-  
18      tion between United States military commanders  
19      and qualified non-Federal entities for support of  
20      missions of the Armed Forces abroad.

21          (d) QUALIFIED NON-FEDERAL ENTITY DEFINED.—  
22      In this section, the term “qualified non-Federal entity”  
23      means an organization that—

24           (1) is based in the United States;

1           (2) has an independent board of directors and  
2 is subject to independent financial audits;

3           (3) is privately-funded;

4           (4) is described in section 501(c)(3) of the In-  
5 ternal Revenue Code of 1986 and is exempt from  
6 taxation under section 501(a) of such Code;

7           (5) provides international humanitarian, eco-  
8 nomic, or other non-lethal assistance;

9           (6) is a Private Voluntary Organization reg-  
10 istered with the United States Agency for Inter-  
11 national Development; and

12           (7) has a stated mission of supporting the safe-  
13 ty and security of members of the Armed Forces, ci-  
14 vilian personnel of the United States, and United  
15 States missions abroad.

16 **SEC. 1083. FEDERAL CHARTER FOR SPIRIT OF AMERICA.**

17           (a) FEDERAL CHARTER.—

18           (1) IN GENERAL.—Part B of subtitle II of title  
19 36, United States Code, is amended by inserting  
20 after chapter 2003 the following new chapter:

21           **“CHAPTER 2005—SPIRIT OF AMERICA**

“Sec.

“200501. Organization.

“200502. Purposes.

“200503. Powers.

“200504. Duty to maintain tax-exempt status.

“200505. Annual report.

1 **“§ 200501. Organization**

2       “(a) FEDERAL CHARTER.—Spirit of America (in this  
3 chapter ‘the corporation’), a nonprofit corporation, is a  
4 federally chartered corporation.

5       “(b) EXPIRATION OF CHARTER.—If the corporation  
6 does not comply with the provisions of this chapter, the  
7 charter granted by this chapter expires.

8       “(c) SCOPE OF CHARTER.—Nothing in the charter  
9 granted by this chapter shall be construed as conferring  
10 special rights or privileges upon the corporation, or as  
11 placing upon the Department of Defense any obligation  
12 with respect to the corporation.

13       “(d) NO CLAIM OF GOVERNMENTAL APPROVAL OR  
14 AUTHORITY.—The corporation may not claim approval of  
15 Congress, or the authority of the United States, for any  
16 activity of the corporation.

17 **“§ 200502. Purposes**

18       “The purposes of the corporation are as provided in  
19 its constitution and bylaws and include the following patri-  
20 otic, charitable, and inspirational purposes:

21               “(1) To respond to the needs of local popu-  
22 lations abroad, as identified by members of the  
23 Armed Forces and diplomats of the United States  
24 abroad.

1           “(2) To provide privately-funded humanitarian,  
2           economic, and other nonlethal assistance to address  
3           such needs.

4           “(3) To support the safety and success of mem-  
5           bers of the Armed Forces and diplomats of the  
6           United States abroad.

7           “(4) To connect the people of the United States  
8           more closely to the members of the Armed Forces  
9           and diplomats of the United States abroad, and to  
10          the missions carried out by such personnel abroad.

11          “(5) To demonstrate the goodwill of the people  
12          of the United States to peoples around the world.

13   **“§ 200503. Powers**

14          “The corporation may—

15               “(1) adopt and amend a constitution, by-laws,  
16               and regulations to carry out the purposes of the cor-  
17               poration;

18               “(2) adopt and alter a corporate seal;

19               “(3) establish and maintain offices to conduct  
20               its activities;

21               “(4) enter into contracts;

22               “(5) acquire, own, lease, encumber, and trans-  
23               fer property as necessary and appropriate to carry  
24               out the purposes of the corporation;

1           “(6) establish, regulate, and discontinue subor-  
2           dinate State and territorial subdivisions and local  
3           chapters or posts;

4           “(7) publish a magazine and other publications  
5           (including through the Internet);

6           “(8) sue and be sued; and

7           “(9) do any other act necessary and proper to  
8           carry out the purposes of the corporation as pro-  
9           vided in its constitution, by-laws, and regulations.

10 **“§ 200504. Duty to maintain tax-exempt status**

11           “The corporation shall maintain its status as an or-  
12           ganization exempt from taxation under the Internal Rev-  
13           enue Code of 1986.

14 **“§ 200505. Annual report**

15           “The corporation shall submit an annual report to  
16           Congress on the activities of the corporation during the  
17           prior fiscal year. The report shall be submitted as the  
18           same time as the report of the audit required by section  
19           10101 of this title. The report may not be printed as pub-  
20           lic document.”.

21           (2) TABLES OF CHAPTERS.—The table of chap-  
22           ters at the beginning of title 36, United States Code,  
23           and at the beginning of subtitle II of such title, are  
24           each amended by inserting after the item relating to  
25           chapter 2003 the following new item:

**“2005. Spirit of America .....200501.”.**

1 (b) DISTRIBUTION OF CORPORATION ASSISTANCE  
2 ABROAD THROUGH DEPARTMENT OF DEFENSE.—

3 (1) ACCEPTANCE AND COORDINATION OF AS-  
4 SISTANCE.—The Department of Defense (including  
5 members of the Armed Forces) may, in the discre-  
6 tion of the Secretary of Defense and in accordance  
7 with guidance issued by the Secretary—

8 (A) accept from Spirit of America, a feder-  
9 ally-chartered corporation under chapter 2005  
10 of title 36, United States Code (as added by  
11 subsection (a)), humanitarian, economic, and  
12 other nonlethal assistance funded by private  
13 funds in the carrying out of the purposes of the  
14 corporation; and

15 (B) respond to requests from the corpora-  
16 tion for the identification of the needs of local  
17 populations abroad for assistance, and coordi-  
18 nate with the corporation in the provision and  
19 distribution of such assistance, in the carrying  
20 out of such purposes.

21 (2) DISTRIBUTION OF ASSISTANCE TO LOCAL  
22 POPULATIONS.—In accordance with guidance issued  
23 by the Secretary, members of the Armed Forces  
24 abroad may provide to local populations abroad hu-  
25 manitarian, economic, and other nonlethal assistance

1 provided to the Department by the corporation pur-  
2 suant to this subsection.

3 (3) SCOPE OF GUIDANCE.—The guidance issued  
4 pursuant to this subsection shall ensure that any as-  
5 sistance distributed pursuant to this subsection shall  
6 be for purposes of supporting the mission or mis-  
7 sions of the Department and the Armed Forces for  
8 which such assistance is provided by the corporation.

9 (4) DoD SUPPORT FOR CORPORATION ACTIVI-  
10 TIES.—In accordance with guidance issued by the  
11 Secretary, the Department and the Armed Forces  
12 may—

13 (A) provide transportation, lodging, stor-  
14 age, and other logistical support—

15 (i) to personnel of the corporation  
16 (whether in the United States or abroad)  
17 who are carrying out the purposes of the  
18 corporation; and

19 (ii) in connection with the acceptance  
20 and distribution of assistance provided by  
21 the corporation; and

22 (B) use assets of the Department and the  
23 Armed Forces in the provision of support de-  
24 scribed in subparagraph (A).



1 full-body exposure to mustard gas or lewisite, such  
2 Secretary—

3 (A) shall presume that the veteran experi-  
4 enced full-body exposure to mustard gas or lew-  
5 isite, as the case may be, unless proven other-  
6 wise; and

7 (B) may not use information contained in  
8 the DoD and VA Chemical Biological Warfare  
9 Database or any list of known testing sites for  
10 mustard gas or lewisite maintained by the De-  
11 partment of Veterans Affairs or the Depart-  
12 ment of Defense as the sole reason for deter-  
13 mining that the veteran did not experience full-  
14 body exposure to mustard gas or lewisite.

15 (4) REPORT.—Not later than 90 days after the  
16 date of the enactment of this Act, and not less fre-  
17 quently than once every 90 days thereafter, the Sec-  
18 retary of Veterans Affairs shall submit to the appro-  
19 priate committees of Congress a report specifying  
20 any claims reconsidered under paragraph (1) that  
21 were denied during the 90-day period preceding the  
22 submittal of the report, including the rationale for  
23 each such denial.

24 (b) DEVELOPMENT OF POLICY.—Not later than one  
25 year after the date of the enactment of this Act, the Sec-

1   retary of Veterans Affairs and the Secretary of Defense  
2   shall jointly establish a policy for processing future claims  
3   for compensation under chapter 11 of title 38, United  
4   States Code, that the Secretary of Veterans Affairs deter-  
5   mines are in connection with exposure to mustard gas or  
6   lewisite during active military, naval, or air service during  
7   World War II.

8           (c) INVESTIGATION AND REPORT BY SECRETARY OF  
9   DEFENSE.—Not later than 180 days after the date of the  
10  enactment of this Act, the Secretary of Defense shall—

11           (1) for purposes of determining whether a site  
12           should be added to the list of the Department of De-  
13           fense of sites where mustard gas or lewisite testing  
14           occurred, investigate and assess sites where—

15                   (A) the Army Corps of Engineers has un-  
16                   covered evidence of mustard gas or lewisite test-  
17                   ing; or

18                   (B) more than two veterans have sub-  
19                   mitted claims for compensation under chapter  
20                   11 of title 38, United States Code, in connec-  
21                   tion with exposure to mustard gas or lewisite at  
22                   such site and such claims were denied; and

23           (2) submit to the appropriate committees of  
24           Congress a report on experiments conducted by the  
25           Department of Defense during World War II to as-

1       sess the effects of mustard gas and lewisite on peo-  
2       ple, which shall include—

3               (A) a list of each location where such an  
4               experiment occurred, including locations inves-  
5               tigated and assessed under paragraph (1);

6               (B) the dates of each such experiment; and

7               (C) the number of members of the Armed  
8               Forces who were exposed to mustard gas or  
9               lewisite in each such experiment.

10       (d) INVESTIGATION AND REPORT BY SECRETARY OF  
11       VETERANS AFFAIRS.—Not later than 180 days after the  
12       date of the enactment of this Act, the Secretary of Vet-  
13       erans Affairs shall—

14               (1) investigate and assess—

15               (A) the actions taken by the Secretary to  
16               reach out to individuals who had been exposed  
17               to mustard gas or lewisite in the experiments  
18               described in subsection (c)(2)(A); and

19               (B) the claims for disability compensation  
20               under laws administered by the Secretary that  
21               were filed with the Secretary and the percent-  
22               age of such claims that were denied by the Sec-  
23               retary; and

24               (2) submit to the appropriate committees of  
25       Congress—

1 (A) a report on the findings of the Sec-  
2 retary with respect to the investigations and as-  
3 sessments carried out under paragraph (1); and

4 (B) a comprehensive list of each location  
5 where an experiment described in subsection  
6 (c)(2)(A) was conducted.

7 (e) DEFINITIONS.—In this section:

8 (1) The terms “active military, naval, or air  
9 service”, “veteran”, and “World War II” have the  
10 meanings given such terms in section 101 of title 38,  
11 United States Code.

12 (2) The term “appropriate committees of Con-  
13 gress” means—

14 (A) the Committee on Veterans’ Affairs,  
15 the Committee on Armed Services, and the Spe-  
16 cial Committee on Aging of the Senate; and

17 (B) the Committee on Veterans’ Affairs  
18 and the Committee on Armed Services of the  
19 House of Representatives.

20 (3) The term “full-body exposure”, with respect  
21 to mustard gas or lewisite, has the meaning given  
22 that term by the Secretary of Defense.

1 **SEC. 1085. PRIZE COMPETITION TO IDENTIFY ROOT CAUSE**  
2 **OF PHYSIOLOGICAL EPISODES ON NAVY, MA-**  
3 **RINE CORPS, AND AIR FORCE TRAINING AND**  
4 **OPERATIONAL AIRCRAFT.**

5 (a) IN GENERAL.—Under the authority of section  
6 2374a of title 10, United States Code, and section 24 of  
7 the Stevenson-Wydler Technology Innovation Act of 1980  
8 (15 U.S.C. 3719), the Secretary of Defense, in consulta-  
9 tion with the Secretary of the Navy, the Secretary of the  
10 Air Force, the Commandant of the Marine Corps, and the  
11 heads of any other appropriate Federal agencies that have  
12 experience in prize competitions, and when appropriate,  
13 in coordination with private organizations, may establish  
14 a prize competition designed to accelerate identification of  
15 the root cause or causes of physiological episodes experi-  
16 enced in Navy, Marine Corps, and Air Force training and  
17 operational aircraft.

18 (b) AUTHORIZATION OF APPROPRIATIONS.—There is  
19 authorized to be appropriated \$10,000,000 for fiscal year  
20 2018 to carry out this section.

21 (c) SUPPLEMENT NOT SUPPLANT.—Any funds made  
22 available pursuant to this section are in addition to any  
23 other amount made available for research on identification  
24 of root cause or causes of physiological episodes experi-  
25 enced in Navy, Marine Corps, and Air Force training and  
26 operational aircraft.

1 **SEC. 1086. EXCEPTION TO THE INTERDEPARTMENTAL**  
2 **WAIVER DOCTRINE FOR CLEANUP OF VEHI-**  
3 **CLE CRASHES.**

4 (a) **RESPONSIBILITY FOR CLEANUP.**—Notwith-  
5 standing the interdepartmental waiver doctrine, the Sec-  
6 retary of Defense may, at the request of the affected Fed-  
7 eral department or agency, expend funds necessary for  
8 cleanup resulting from an activity of the Department of  
9 Defense involving a vehicle crash on land or other property  
10 under the jurisdiction of another Federal department or  
11 agency.

12 (b) **SCOPE.**—The authority under subsection (a) in-  
13 cludes expenditures necessary to complete cleanup to meet  
14 the regulations of the affected department or agency,  
15 which may be different than the regulations applicable to  
16 the Department.

17 **SEC. 1087. TRANSFER OF SURPLUS FIREARMS TO COR-**  
18 **PORATION FOR THE PROMOTION OF RIFLE**  
19 **PRACTICE AND FIREARMS SAFETY.**

20 (a) **IN GENERAL.**—Section 40728(h) of title 36,  
21 United States Code, is amended—

22 (1) by striking “(1) Subject to paragraph (2),  
23 the Secretary may transfer” and inserting “The Sec-  
24 retary shall transfer”; and

1           (2) by striking “The Secretary shall determine  
2 a reasonable schedule for the transfer of such sur-  
3 plus pistols.”.

4           (b) SALE OF M1911/M1911A1 PISTOLS.—

5           (1) SALE.—Any M1911/M1911A1 pistols sold  
6 under the Civilian Marksmanship Program under  
7 subchapter II of chapter 407 of title 36, United  
8 States Code, shall be sold at fair market value.

9           (2) DISPOSITION OF PROCEEDS.—Any proceeds  
10 of the sale of M1911/M1911A1 pistols pursuant to  
11 paragraph (1), less transfer and storage costs, shall  
12 be covered over into the Treasury as miscellaneous  
13 receipts.

14 **TITLE XI—CIVILIAN PERSONNEL**  
15 **MATTERS**

16 **Subtitle A—Department of Defense**  
17 **Matters**

18 **SEC. 1101. PILOT PROGRAM ON ENHANCED PERSONNEL**  
19 **MANAGEMENT SYSTEM FOR CYBERSECURITY**  
20 **AND LEGAL PROFESSIONALS IN THE DEPART-**  
21 **MENT OF DEFENSE.**

22           (a) PILOT PROGRAM REQUIRED.—The Secretary of  
23 Defense shall carry out within the Department of Defense  
24 a pilot program to assess the feasibility and advisability  
25 of an enhanced personnel management system in accord-

1   ance with this section for cybersecurity and legal profes-  
2   sionals in the Department described in subsection (b) who  
3   enter civilian service with the Department on or after Jan-  
4   uary 1, 2020.

5       (b) CYBERSECURITY AND LEGAL PROFESSIONALS.—

6           (1) IN GENERAL.—The cybersecurity and legal  
7   professionals described in this subsection are the fol-  
8   lowing:

9           (A) Civilian cybersecurity professionals in  
10   the Department of Defense consisting of civilian  
11   personnel engaged in or directly supporting  
12   planning, commanding and controlling, training,  
13   developing, acquiring, modifying, and operating  
14   systems and capabilities, and military units and  
15   intelligence organizations (other than those  
16   funded by the National Intelligence Program)  
17   that are directly engaged in or used for offen-  
18   sive and defensive cyber and information war-  
19   fare or intelligence activities in support thereof.

20           (B) Civilian legal professionals in the De-  
21   partment occupying legal or similar positions,  
22   as determined by the Secretary of Defense for  
23   purposes of the pilot program, that require eli-  
24   gibility to practice law in a State or territory of  
25   the United States.

1           (2) INAPPLICABILITY TO SES POSITIONS.—The  
2 pilot program shall not apply to positions within the  
3 Senior Executive Service under subchapter VIII of  
4 chapter 53 of title 5, United States Code.

5           (c) DIRECT-APPOINTMENT AUTHORITY.—

6           (1) INAPPLICABILITY OF GENERAL CIVIL SERV-  
7 ICE APPOINTMENT AUTHORITIES TO APPOINT-  
8 MENTS.—Under the pilot program, the Secretary of  
9 Defense, with respect to the Defense Agencies, and  
10 the Secretary of the military department concerned,  
11 with respect to the military departments, may ap-  
12 point qualified candidates as cybersecurity and legal  
13 professionals without regard to the provisions of  
14 subchapter I of chapter 33 of title 5, United States  
15 Code.

16           (2) APPOINTMENT ON DIRECT-HIRE BASIS.—  
17 Appointments under the pilot program shall be made  
18 on a direct-hire basis.

19           (d) TERM APPOINTMENTS.—

20           (1) RENEWABLE TERM APPOINTMENTS.—Each  
21 individual shall serve with the Department of De-  
22 fense as a cybersecurity or legal professional under  
23 the pilot program pursuant to an initial appointment  
24 to service with the Department for a term of not less  
25 than 2 years nor more than 8 years. Any term of

1 appointment under the pilot program may be re-  
2 newed for one or more additional terms of not less  
3 than 2 years nor more than 8 years as provided in  
4 subsection (h).

5 (2) LENGTH OF TERMS.—The length of the  
6 term of appointment to a position under the pilot  
7 program shall be prescribed by the Secretary of De-  
8 fense taking into account the national security, mis-  
9 sion, and other applicable requirements of the posi-  
10 tion. Positions having identical or similar require-  
11 ments or terms may be grouped into categories for  
12 purposes of the pilot program. The Secretary may  
13 delegate any authority in this paragraph to a com-  
14 missioned officer of the Armed Forces in pay grade  
15 O-7 or above or an employee in the Department in  
16 the Senior Executive Service.

17 (e) NATURE OF SERVICE UNDER APPOINTMENTS.—

18 (1) TREATMENT OF PERSONNEL APPOINTED AS  
19 “EMPLOYEES”.—Except as otherwise provided by  
20 this section, individuals serving with the Department  
21 of Defense as cybersecurity or legal professionals  
22 under the pilot program pursuant to appointments  
23 under this section shall be considered employees (as  
24 specified in section 2105 of title 5, United States  
25 Code) for purposes of the provisions of title 5,

1 United States Code, and other applicable provisions  
2 of law, including, in particular, for purposes as fol-  
3 lows:

4 (A) Eligibility for participation in the Fed-  
5 eral Employees' Retirement System under chap-  
6 ter 84 of title 5, United States Code, subject to  
7 the provisions of section 8402 of such title and  
8 the regulations prescribed pursuant to such sec-  
9 tion.

10 (B) Eligibility for enrollment in a health  
11 benefits plan under chapter 89 of title 5,  
12 United States Code (commonly referred as the  
13 "Federal Employees Health Benefits Pro-  
14 gram").

15 (C) Eligibility for and subject to the em-  
16 ployment protections of subpart F of part III of  
17 title 5, United States Code, relating to merit  
18 principles and protections.

19 (D) Eligibility for the protections of chap-  
20 ter 81, of title 5, United States Code, relating  
21 to workers compensation.

22 (2) SCOPE OF RIGHTS AND BENEFITS.—In ad-  
23 ministering the pilot program, the Secretary of De-  
24 fense shall specify, and from time to time update, a  
25 comprehensive description of the rights and benefits

1 of individuals serving with the Department under  
2 the pilot program pursuant to this subsection and of  
3 the provisions of law under which such rights and  
4 benefits arise.

5 (f) COMPENSATION.—

6 (1) BASIC PAY.—Individuals serving with the  
7 Department of Defense as cybersecurity or legal pro-  
8 fessionals under the pilot program shall be paid  
9 basic pay for such service in accordance with a  
10 schedule of pay prescribed by the Secretary of De-  
11 fense for purposes of the pilot program.

12 (2) TREATMENT AS BASIC PAY.—Basic pay  
13 payable under the pilot program shall be treated for  
14 all purposes as basic pay paid under the provisions  
15 of title 5, United States Code.

16 (3) PERFORMANCE AWARDS.—Individuals serv-  
17 ing with the Department as cybersecurity or legal  
18 professionals under the pilot program may be award-  
19 ed such performance awards for outstanding per-  
20 formance as the Secretary shall prescribe for pur-  
21 poses of the pilot program. The performance awards  
22 may include a monetary bonus, time off with pay, or  
23 such other awards as the Secretary considers appro-  
24 priate for purposes of the pilot program. The award  
25 of performance awards under the pilot program shall

1 based in accordance with such policies and require-  
2 ments as the Secretary shall prescribe for purposes  
3 of the pilot program.

4 (4) ADDITIONAL COMPENSATION.—Individuals  
5 serving with the Department as cybersecurity or  
6 legal professionals under the pilot program may be  
7 awarded such additional compensation above basic  
8 pay as the Secretary (or the designees of the Sec-  
9 retary) consider appropriate in order to promote the  
10 recruitment and retention of highly skilled and pro-  
11 ductive cybersecurity and legal professionals to and  
12 with the Department.

13 (g) PROBATIONARY PERIOD.—The following terms of  
14 appointment shall be treated as a probationary period  
15 under the pilot program:

16 (1) The first term of appointment of an indi-  
17 vidual to service with the Department of Defense as  
18 a cybersecurity or legal professional, regardless of  
19 length.

20 (2) The first term of appointment of an indi-  
21 vidual to a supervisory position in the Department  
22 as a cybersecurity or legal professional, regardless of  
23 length and regardless of whether or not such term  
24 of appointment to a supervisory position is the first  
25 term of appointment of the individual concerned to

1 service with the Department as a cybersecurity or  
2 legal professional.

3 (h) RENEWAL OF APPOINTMENTS.—

4 (1) IN GENERAL.—The Secretary of Defense  
5 shall prescribe the conditions for the renewal of ap-  
6 pointments under the pilot program. The conditions  
7 may apply to one or more categories of positions, po-  
8 sitions on a case-by-case basis, or both.

9 (2) PARTICULAR CONDITIONS.—In prescribing  
10 conditions for the renewal of appointments under  
11 the pilot program, the Secretary shall take into ac-  
12 count the following (in the order specified):

13 (A) The necessity for the continuation of  
14 the position concerned based on mission re-  
15 quirements and other applicable justifications  
16 for the position.

17 (B) The service performance of the indi-  
18 vidual serving in the position concerned, with  
19 individuals with satisfactory or better perform-  
20 ance afforded preference in renewal.

21 (C) Input from employees on conditions for  
22 renewal.

23 (D) Applicable private and public sector  
24 labor market conditions

1           (3) SERVICE PERFORMANCE.—The assessment  
2           of the service performance of an individual under the  
3           pilot program for purposes of paragraph (2)(B) shall  
4           consist of an assessment of the ability of the indi-  
5           vidual to effectively accomplish mission goals for the  
6           position concerned as determined by the supervisor  
7           or manager of the individual based on the individ-  
8           ual’s performance evaluations and the knowledge of  
9           and review by such supervisor or manager (devel-  
10          oped in consultation with the individual) of the indi-  
11          vidual’s performance in the position. An individual’s  
12          tenure of service in a position or the Department of  
13          Defense may not be the primary element of the as-  
14          sessment.

15          (i) PROFESSIONAL DEVELOPMENT.—The pilot pro-  
16          gram shall provide for the professional development of in-  
17          dividuals serving with the Department of Defense as cy-  
18          bersecurity and legal professionals under the pilot pro-  
19          gram in a manner that—

20                (1) creates opportunities for education, train-  
21                ing, and career-broadening experiences, and for ex-  
22                perimental opportunities in other organizations with-  
23                in and outside the Federal Government; and

24                (2) reflects the differentiated needs of personnel  
25                at different stages of their careers.

1 (j) SABBATICALS.—

2 (1) IN GENERAL.—The pilot program shall pro-  
3 vide for an individual who is in a successive term  
4 after the first 8 years with the Department of De-  
5 fense as a cybersecurity or legal professional under  
6 the pilot program to take, at the election of the indi-  
7 vidual, a paid or unpaid sabbatical from service with  
8 the Department for professional development or edu-  
9 cation purposes. The length of a sabbatical shall be  
10 any length not less than 6 months nor more than 1  
11 year (unless a different period is approved by the  
12 Secretary of the military department or head of the  
13 organization or element of the Department con-  
14 cerned for purposes of this subsection). The purpose  
15 of any sabbatical shall be subject to advance ap-  
16 proval by the organization or element in the Depart-  
17 ment in which the individual is currently performing  
18 service. The taking of a sabbatical shall be contin-  
19 gent on the written agreement of the individual con-  
20 cerned to serve with the Department for an appro-  
21 priate length of time at the conclusion of the term  
22 of appointment in which the sabbatical commences,  
23 with the period of such service to be in addition to  
24 the period of such term of appointment.

1           (2) NUMBER OF SABBATICALS.—An individual  
2           may take more than one sabbatical under this sub-  
3           section.

4           (3) REPAYMENT.—Except as provided in para-  
5           graph (4), an individual who fails to satisfy a writ-  
6           ten agreement executed under paragraph (1) with  
7           respect to a sabbatical shall repay the Department  
8           an amount equal to any pay, allowances, and other  
9           benefits received by the individual from the Depart-  
10          ment during the period of the sabbatical.

11          (4) WAIVER OF REPAYMENT.—An agreement  
12          under paragraph (1) may include such conditions for  
13          the waiver of repayment otherwise required under  
14          paragraph (3) for failure to satisfy such agreement  
15          as the Secretary specifies in such agreement.

16          (k) REGULATIONS.—The Secretary of Defense shall  
17          administer the pilot program under regulations prescribed  
18          by the Secretary for purposes of the pilot program.

19          (l) TERMINATION.—

20                 (1) IN GENERAL.—The authority of the Sec-  
21                 retary of Defense to appoint individuals for service  
22                 with the Department of Defense as cybersecurity or  
23                 legal professionals under the pilot program shall ex-  
24                 pire on December 31, 2029.

1           (2) EFFECT ON EXISTING APPOINTMENTS.—

2           The termination of authority in paragraph (1) shall  
3           not be construed to terminate or otherwise affect  
4           any appointment made under this section before De-  
5           cember 31, 2029, that remains valid as of that date.

6           (m) IMPLEMENTATION.—

7           (1) INTERIM FINAL RULE.—Not later than one  
8           year after the date of the enactment of this Act, the  
9           Secretary of Defense shall prescribe an interim final  
10          rule to implement the pilot program.

11          (2) FINAL RULE.—Not later than 180 days  
12          after prescribing the interim final rule under para-  
13          graph (1) and considering public comments with re-  
14          spect to such interim final rule, the Secretary shall  
15          prescribe a final rule to implement the pilot pro-  
16          gram.

17          (3) OBJECTIVES.—The regulations prescribed  
18          under paragraphs (1) and (2) shall accomplish the  
19          objectives set forth in subsections (a) through (j)  
20          and otherwise ensure flexibility and expedited ap-  
21          pointment of cybersecurity and legal professionals in  
22          the Department of Defense under the pilot program.

23          (n) REPORTS.—

24          (1) REPORTS REQUIRED.—Not later than Janu-  
25          ary 30 of each of 2022, 2025, and 2028, the Sec-

1       retary of Defense shall submit to the appropriate  
2       committees of Congress a report on the carrying out  
3       of the pilot program. Each report shall include the  
4       following:

5               (A) A description and assessment of the  
6               carrying out of the pilot program during the pe-  
7               riod since the commencement of the pilot pro-  
8               gram or the previous submittal of a report  
9               under this subsection, as applicable.

10              (B) A description and assessment of the  
11              successes in and impediments to carrying out  
12              the pilot program system during such period.

13              (C) Such recommendations as the Sec-  
14              retary considers appropriate for legislative ac-  
15              tion to improve the pilot program and to other-  
16              wise improve civilian personnel management of  
17              cybersecurity and legal professionals by the De-  
18              partment of Defense.

19              (D) In the case of the report submitted in  
20              2028, an assessment and recommendations by  
21              the Secretary on whether to make the pilot pro-  
22              gram permanent.

23              (2) APPROPRIATE COMMITTEES OF CONGRESS  
24              DEFINED.—In this subsection, the term “appro-  
25              priate committees of Congress” means—

1 (A) the Committee on Armed Services and  
 2 the Committee on Homeland Security and Gov-  
 3 ernmental Affairs of the Senate; and

4 (B) the Committee on Armed Services and  
 5 the Committee on Oversight and Government  
 6 Reform of the House of Representatives.

7 **SEC. 1102. INCLUSION OF STRATEGIC CAPABILITIES OF-**  
 8 **FICE AND DEFENSE INNOVATION UNIT EX-**  
 9 **PERIMENTAL OF THE DEPARTMENT OF DE-**  
 10 **FENSE IN PERSONNEL MANAGEMENT AU-**  
 11 **THORITY TO ATTRACT EXPERTS IN SCIENCE**  
 12 **AND ENGINEERING.**

13 (a) IN GENERAL.—Subsection (a) of section 1599h  
 14 of title 10, United States Code, is amended by adding at  
 15 the end the following new paragraphs:

16 “(4) STRATEGIC CAPABILITIES OFFICE.—The  
 17 Director of the Strategic Capabilities Office may  
 18 carry out a program of personnel management au-  
 19 thority provided in subsection (b) in order to facili-  
 20 tate recruitment of eminent experts in science or en-  
 21 gineering for the Office.

22 “(5) DIUx.—The Director of the Defense Inno-  
 23 vation Unit Experimental may carry out a program  
 24 of personnel management authority provided in sub-

1 section (b) in order to facilitate recruitment of emi-  
2 nent experts in science or engineering for the Unit.”.

3 (b) SCOPE OF APPOINTMENT AUTHORITY.—Sub-  
4 section (b)(1) of such section is amended—

5 (1) in subparagraph (B), by striking “and” at  
6 the end; and

7 (2) by adding at the end the following new sub-  
8 paragraphs:

9 “(D) in the case of the Strategic Capabili-  
10 ties Office, appoint scientists and engineers to  
11 a total of not more than 5 scientific and engi-  
12 neering positions in the Office; and

13 “(E) in the case of the Defense Innovation  
14 Unit Experimental, appoint scientists and engi-  
15 neers to a total of not more than 5 scientific  
16 and engineering positions in the Unit;”.

17 (c) EXTENSION OF TERMS OF APPOINTMENT.—Sub-  
18 section (c)(2) of such section is amended by striking “or  
19 the Office of Operational Test and Evaluation” and insert-  
20 ing “the Office of Operational Test and Evaluation, the  
21 Strategic Capabilities Office, or the Defense Innovation  
22 Unit Experimental”.

1 **SEC. 1103. PERMANENT AUTHORITY FOR DEMONSTRATION**  
2 **PROJECTS RELATING TO ACQUISITION PER-**  
3 **SONNEL MANAGEMENT POLICIES AND PRO-**  
4 **CEDURES.**

5 (a) **PERMANENT AUTHORITY.**—Section 1762 of title  
6 10, United States Code, is amended by striking sub-  
7 sections (g) and (h).

8 (b) **SCOPE OF AUTHORITY.**—Subsection (a) of such  
9 section is amended by striking “COMMENCEMENT.—” and  
10 all that follows through “a demonstration project” and in-  
11 serting “IN GENERAL.—The Secretary of Defense may  
12 carry out demonstration projects”.

13 (c) **INCREASE IN LIMIT ON NUMBER OF PARTICI-**  
14 **PANTS.**—Subsection (c) of such section is amended by  
15 striking “the demonstration project under this section  
16 may not exceed 120,000” and inserting “at any one time  
17 in demonstration projects under this section may not ex-  
18 ceed 130,000”.

19 (d) **ASSESSMENTS.**—Subsection (e) of such section is  
20 amended—

21 (1) by striking paragraph (1) and inserting the  
22 following new paragraph:

23 “(1) Upon the completion of a demonstration project  
24 under this section, the Secretary of Defense shall provide  
25 for the conduct of an assessment of the demonstration  
26 project by an appropriate independent organization des-

1 ignated by the Secretary for that purpose. The Secretary  
2 shall submit to the covered congressional committees a re-  
3 port on each assessment conducted pursuant to this para-  
4 graph.”; and

5 (2) by striking paragraph (3).

6 **SEC. 1104. ESTABLISHMENT OF SENIOR SCIENTIFIC TECH-**  
7 **NICAL MANAGERS AT MAJOR RANGE AND**  
8 **TEST FACILITY BASE FACILITIES AND DE-**  
9 **FENSE TEST RESOURCE MANAGEMENT CEN-**  
10 **TER.**

11 Section 2358a of title 10, United States Code, is  
12 amended—

13 (1) in subsection (d)—

14 (A) in paragraph (1)—

15 (i) in the matter preceding subpara-  
16 graph (A), by inserting “, each facility of  
17 the Major Range and Test Facility Base,  
18 and the Defense Test Resource Manage-  
19 ment Center” after “each STRL”; and

20 (ii) in subparagraph (A), by inserting  
21 “, of such facility of the Major Range and  
22 Test Facility Base, or the Defense Test  
23 Resource Management Center”; and

24 (B) in paragraph (2)—

1 (i) by striking “The positions” and in-  
2 serting “(A) The laboratory positions”;  
3 and

4 (ii) by adding at the end the following  
5 new subparagraph:

6 “(B) The test and evaluation positions de-  
7 scribed in paragraph (1) may be filled, and shall be  
8 managed, by the director of the Major Range and  
9 Test Facility Base, in the case of a position at a fa-  
10 cility of the Major Range and Test Facility Base,  
11 and the director of the Defense Test Resource Man-  
12 agement Center, in the case of a position at such  
13 center, under criteria established pursuant to section  
14 342(b) of the National Defense Authorization Act  
15 for Fiscal Year 1995 (Public Law 103–337; 10  
16 U.S.C. 2358 note), relating to personnel demonstra-  
17 tion projects at laboratories of the Department of  
18 Defense, except that the director involved shall de-  
19 termine the number of such positions at each facility  
20 of the Major Range and Test Facility Base and the  
21 Defense Test Resource Management Center, not to  
22 exceed two percent of the number of scientists and  
23 engineers employed at the Major Range and Test  
24 Facility Base or the Defense Test Resource Manage-  
25 ment Center, as the case may be, as of the close of

1 the last fiscal year before the fiscal year in which  
2 any appointments subject to that numerical limita-  
3 tions are made.”; and

4 (2) in subsection (f)—

5 (A) by redesignating paragraphs (1) and  
6 (2) as paragraphs (2) and (4), respectively;

7 (B) by inserting before paragraph (2), as  
8 redesignated by subparagraph (A), the following  
9 new paragraph (1):

10 “(1) The term ‘Defense Test Resource Manage-  
11 ment Center’ means the Department of Defense  
12 Test Resource Management Center established  
13 under section 196 of this title.”; and

14 (C) by inserting after paragraph (2), as so  
15 redesignated, the following new paragraph:

16 “(3) The term ‘Major Range and Test Facility  
17 Base’ means the test and evaluation facilities and  
18 resources that are designated by the Secretary of  
19 Defense as facilities and resources comprising the  
20 Major Range and Test Facility Base.”.

1 **SEC. 1105. EXTENSION OF TEMPORARY DIRECT HIRE AU-**  
2 **THORITY FOR DOMESTIC DEFENSE INDUS-**  
3 **TRIAL BASE FACILITIES AND THE MAJOR**  
4 **RANGE AND TEST FACILITIES BASE.**

5 Section 1125(a) of the National Defense Authoriza-  
6 tion Act for Fiscal Year 2017 (Public Law 114–328; 130  
7 Stat. 2457; 10 U.S.C. 1580 note prec.) is amended by  
8 striking “and 2018” and inserting “through 2019”.

9 **SEC. 1106. DIRECT HIRE AUTHORITY FOR FINANCIAL MAN-**  
10 **AGEMENT EXPERTS IN THE DEPARTMENT OF**  
11 **DEFENSE WORKFORCE.**

12 Section 1110 of the National Defense Authorization  
13 Act for 2017 (Public Law 114–328; 130 Stat. 2450; 10  
14 U.S.C. 1580 note prec.) is amended—

15 (1) in subsection (a), by striking “the Defense  
16 Agencies or the applicable military Department” and  
17 inserting “a Department of Defense component”;

18 (2) in subsection (b)(1), by striking “the De-  
19 fense Agencies” and inserting “each Department of  
20 Defense component listed in subsection (f) other  
21 than the Department of the Army, the Department  
22 of the Navy, and the Department of the Air Force”;

23 (3) in subsection (d)—

24 (A) by striking “any Defense Agency or  
25 military department” and inserting “any De-  
26 partment of Defense component”; and

1 (B) by striking “such Defense Agency or  
2 military department” and inserting “such De-  
3 partment of Defense component”; and

4 (4) by striking subsection (f) and inserting the  
5 following new subsection (f):

6 “(f) DEPARTMENT OF DEFENSE COMPONENT DE-  
7 FINED.—In this section, the term ‘Department of Defense  
8 component’ means the following:

9 “(1) A Defense Agency.

10 “(2) The Office of the Chairman of the Joint  
11 Chiefs of Staff.

12 “(3) The Joint Staff.

13 “(4) A combatant command.

14 “(5) The Office of the Inspector General of the  
15 Department of Defense.

16 “(6) A Field Activity of the Department of De-  
17 fense.

18 “(7) The Department of the Army.

19 “(8) The Department of the Navy.

20 “(9) The Department of the Air Force.”.

1 **SEC. 1107. AUTHORITY FOR WAIVER OF REQUIREMENT FOR**  
2 **A BACCALAUREATE DEGREE FOR POSITIONS**  
3 **IN THE DEPARTMENT OF DEFENSE ON CY-**  
4 **BERSECURITY AND COMPUTER PROGRAM-**  
5 **MING.**

6 (a) BRIEFING ON WAIVER REQUIRED.—Not later  
7 than 60 days after the date of the enactment of this Act,  
8 the Secretary of Defense shall provide the Committees on  
9 Armed Services of the Senate and the House of Represent-  
10 atives a briefing on the feasibility and advisability of the  
11 enactment into law of the waiver authority described in  
12 subsection (b) and the authorities in subsections (c)  
13 through (e).

14 (b) WAIVER AUTHORITY.—The waiver authority de-  
15 scribed in this subsection is the authority of the Secretary  
16 of Defense to waive any requirement in law for the posses-  
17 sion of a baccalaureate degree as a condition of appoint-  
18 ment to a position or category of positions in the Depart-  
19 ment of Defense specified in subsection (c) if the Secretary  
20 determined that the duties of the position or category of  
21 positions could be appropriately discharged by individuals  
22 demonstrating expertise other than a baccalaureate de-  
23 gree.

24 (c) POSITIONS.—The positions or categories of posi-  
25 tions in the Department specified in this subsection are

1 positions or categories of positions whose primary duties  
2 involve the following:

3           (1) Cybersecurity, including computer network  
4           operations, computer network defense, computer net-  
5           work attack, and computer network exploitation.

6           (2) Computer programming.

7           (d) APPOINTMENT.—An individual who does not pos-  
8           sess a baccalaureate degree could be appointed to a posi-  
9           tion covered by a waiver pursuant to subsection (b) only  
10          if the Secretary determined that the expertise dem-  
11          onstrated by the individual was sufficient for the appro-  
12          priate discharge of the duties of the position by the indi-  
13          vidual.

14          (e) GUIDANCE.—The Secretary would issue guidance  
15          for purposes of this section setting forth the following:

16               (1) The positions or categories of positions in  
17               the Department subject to the waiver authorized by  
18               subsection (b).

19               (2) For each position or category of positions,  
20               the expertise required for appointment to such posi-  
21               tion or category of positions.

1           **Subtitle B—Government-wide**  
2                           **Matters**

3   **SEC. 1111. ELIMINATION OF FOREIGN EXEMPTION PROVI-**  
4                           **SION IN REGARD TO OVERTIME FOR FED-**  
5                           **ERAL CIVILIAN EMPLOYEES TEMPORARILY**  
6                           **ASSIGNED TO A FOREIGN AREA.**

7           (a) IN GENERAL.—Section 5542 of title 5, United  
8 States Code, is amended by adding at the end the fol-  
9 lowing:

10           “(h) Notwithstanding section 13(f) of the Fair Labor  
11 Standards Act of 1938 (29 U.S.C. 213(f)), an employee  
12 who is working at a location in a foreign country, or in  
13 a territory under the jurisdiction of the United States to  
14 which the exemption under such section 13(f) applies, in  
15 temporary duty travel status while maintaining an official  
16 duty station or worksite in an area of the United States  
17 that is not exempted under such section 13(f) shall not  
18 be considered, for all purposes, to be exempted from sec-  
19 tion 7 of such Act (29 U.S.C. 207) on the basis of the  
20 employee performing work at such a location.”.

21           (b) FEDERAL WAGE SYSTEM EMPLOYEES.—Section  
22 5544 of title 5, United States Code, is amended by adding  
23 at the end the following:

24           “(d) Notwithstanding section 13(f) of the Fair Labor  
25 Standards Act of 1938 (29 U.S.C. 213(f)), an employee

1 whose overtime pay is determined in accordance with sub-  
2 section (a) who is working at a location in a foreign coun-  
3 try, or in a territory under the jurisdiction of the United  
4 States to which the exemption under such section 13(f)  
5 applies, in temporary duty travel status while maintaining  
6 an official duty station or worksite in an area of the  
7 United States that is not exempted under such section  
8 13(f) shall not be considered, for all purposes, to be ex-  
9 empted from section 7 of such Act (29 U.S.C. 207) on  
10 the basis of the employee performing work at such a loca-  
11 tion.”.

12 (c) CONFORMING REPEAL.—Section 5542(a) of title  
13 5, United States Code, is amended by striking paragraph  
14 (6).

15 **SEC. 1112. ONE-YEAR EXTENSION OF AUTHORITY TO WAIVE**  
16 **ANNUAL LIMITATION ON PREMIUM PAY AND**  
17 **AGGREGATE LIMITATION ON PAY FOR FED-**  
18 **ERAL CIVILIAN EMPLOYEES WORKING OVER-**  
19 **SEAS.**

20 Section 1101(a) of the Duncan Hunter National De-  
21 fense Authorization Act for Fiscal Year 2009 (Public Law  
22 110–417; 122 Stat. 4615), as most recently amended by  
23 section 1137 of the National Defense Authorization Act  
24 for Fiscal Year 2017 (Public Law 114–328), is further

1 amended by striking “through 2017” and inserting  
2 “through 2018”.

3 **SEC. 1113. ONE-YEAR EXTENSION OF TEMPORARY AUTHOR-**  
4 **ITY TO GRANT ALLOWANCES, BENEFITS, AND**  
5 **GRATUITIES TO CIVILIAN PERSONNEL ON OF-**  
6 **FICIAL DUTY IN A COMBAT ZONE.**

7 Paragraph (2) of section 1603(a) of the Emergency  
8 Supplemental Appropriations Act for Defense, the Global  
9 War on Terror, and Hurricane Recovery, 2006 (Public  
10 Law 109–234; 120 Stat. 443), as added by section 1102  
11 of the Duncan Hunter National Defense Authorization  
12 Act for Fiscal Year 2009 (Public Law 110–417; 122 Stat.  
13 4616) and most recently amended by section 1133 of the  
14 National Defense Authorization Act for Fiscal Year 2017  
15 (Public Law 114–328), is further amended by striking  
16 “2018” and inserting “2019”.

17 **TITLE XII—MATTERS RELATING**  
18 **TO FOREIGN NATIONS**  
19 **Subtitle A—Assistance and**  
20 **Training**

21 **SEC. 1201. SUPPORT OF SPECIAL OPERATIONS FOR IRREG-**  
22 **ULAR WARFARE.**

23 (a) **AUTHORITY.**—The Secretary of Defense may,  
24 with the concurrence of the relevant Chief of Mission, ex-  
25 pend up to \$10,000,000 during each of fiscal years 2018

1 through 2021 to provide support to foreign forces, irreg-  
2 ular forces, groups, or individuals engaged in supporting  
3 or facilitating ongoing irregular warfare operations by  
4 United States Special Operations Forces.

5 (b) FUNDS.—Funds for support under this section in  
6 a fiscal year shall be derived from amounts authorized to  
7 be appropriated for that fiscal year for the Department  
8 of Defense for operation and maintenance.

9 (c) PROCEDURES.—

10 (1) IN GENERAL.—The authority in this section  
11 shall be exercised in accordance with such proce-  
12 dures as the Secretary shall establish for purposes of  
13 this section.

14 (2) ELEMENTS.—The procedures that shall es-  
15 tablish, at a minimum, the following:

16 (A) Policy guidance for the execution of  
17 activities under the authority in this section.

18 (B) The processes through which activities  
19 under the authority in this section are to be de-  
20 veloped, validated, and coordinated, as appro-  
21 priate, with relevant entities of the United  
22 States Government.

23 (3) NOTICE TO CONGRESS ON PROCEDURES  
24 AND MATERIAL MODIFICATIONS.—The Secretary  
25 shall notify the congressional defense committees of

1 the procedures established pursuant to this section  
2 before any exercise of the authority in this section,  
3 and shall notify such committee of any material  
4 modification of the procedures.

5 (d) NOTIFICATION.—

6 (1) IN GENERAL.—Not later than 15 days be-  
7 fore exercising the authority in this section to make  
8 funds available to initiate support of an approved  
9 military operation or changing the scope or funding  
10 level of any support under this section for such an  
11 operation by \$500,000 or an amount equal to 10  
12 percent of such funding level (whichever is less), or  
13 not later than 48 hours after exercising such author-  
14 ity if the Secretary determines that extraordinary  
15 circumstances that impact the national security of  
16 the United States exist that otherwise prevent notice  
17 under this subsection before the exercise of such au-  
18 thority, the Secretary shall notify the congressional  
19 defense committees of the use of such authority with  
20 respect to such operation. Any such notification shall  
21 be in writing.

22 (2) ELEMENTS.—A notification required by this  
23 subsection shall include the following:

1 (A) The type of support provided or to be  
2 provided to United States Special Operations  
3 Forces.

4 (B) The type of support provided or to be  
5 provided to the recipient of the funds.

6 (C) The amount obligated under the au-  
7 thority to provide support.

8 (e) LIMITATION ON DELEGATION.—The authority of  
9 the Secretary to make funds available under this section  
10 for support of a military operation may not be delegated.

11 (f) CONSTRUCTION OF AUTHORITY.—Nothing in this  
12 section shall be construed to constitute a specific statutory  
13 authorization for any of the following:

14 (1) The conduct of a covert action, as such  
15 term is defined in section 503(e) of the National Se-  
16 curity Act of 1947 (50 U.S.C. 3093(e)).

17 (2) The introduction of United States Armed  
18 Forces into hostilities or into situations wherein hos-  
19 tilities are clearly indicated by the circumstances.

20 (3) The conduct or support of activities, directly  
21 or indirectly, that are inconsistent with the laws of  
22 armed conflict.

23 (g) PROGRAMMATIC AND POLICY OVERSIGHT.—The  
24 Assistant Secretary of Defense for Special Operations and  
25 Low-Intensity Conflict shall have primary programmatic

1 and policy oversight within the Office of the Secretary of  
2 Defense of support to irregular warfare activities author-  
3 ized by this section.

4 (h) BIENNIAL REPORTS.—

5 (1) REPORT ON PRECEDING FISCAL YEAR.—

6 Not later than 120 days after the close of each fiscal  
7 year in which subsection (a) is in effect, the Sec-  
8 retary shall submit to the congressional defense com-  
9 mittees a report on the support provided under this  
10 section during the preceding fiscal year.

11 (2) REPORT ON CURRENT CALENDAR YEAR.—

12 Not later than 180 days after the submittal of each  
13 report required by paragraph (1), the Secretary shall  
14 submit to the congressional defense committees a re-  
15 port on the support provided under this section dur-  
16 ing the first half of the fiscal year in which the re-  
17 port under this paragraph is submitted.

18 (3) ELEMENTS.—Each report required by this  
19 subsection shall include the following:

20 (A) A summary of the ongoing irregular  
21 warfare operations by United States Special  
22 Operations Forces that were supported or facili-  
23 tated by foreign forces, irregular forces, groups,  
24 or individuals for which support was provided

1 under this section during the period covered by  
2 such report.

3 (B) A description of the support or facili-  
4 tation provided by such foreign forces, irregular  
5 forces, groups, or individuals to United States  
6 Special Operations Forces during such period.

7 (C) The type of recipients that were pro-  
8 vided support under this section during such  
9 period, identified by authorized category (for-  
10 eign forces, irregular forces, groups, or individ-  
11 uals).

12 (D) A detailed description of the support  
13 provided to the recipients under this section  
14 during such period.

15 (E) The total amount obligated for support  
16 under this section during such period, including  
17 budget details.

18 (F) The intended duration of support pro-  
19 vided under this section during such period

20 (G) An assessment of value of the support  
21 provided under this section during such period,  
22 including a summary of significant activities  
23 undertaken by foreign forces, irregular forces,  
24 groups, or individuals to support irregular war-

1           fare operations by United States Special Oper-  
2           ations Forces.

3           (H) The total amount obligated for sup-  
4           port under this section in prior fiscal years.

5           (i) **IRREGULAR WARFARE DEFINED.**—In this section,  
6 the term “irregular warfare” means activities in support  
7 of predetermined United States policy and military objec-  
8 tives conducted by, with, and through regular forces, irreg-  
9 ular forces, groups, and individuals participating in com-  
10 petition between state and non-state actors short of tradi-  
11 tional armed conflict.

12 **SEC. 1202. MODIFICATION OF AUTHORITY ON SUPPORT OF**  
13           **SPECIAL OPERATIONS TO COMBAT TER-**  
14           **RORISM.**

15           (a) **OVERSIGHT OF SUPPORT.**—Section 127e of title  
16 10, United States Code, is amended—

17           (1) by redesignating subsection (g) as sub-  
18           section (h); and

19           (2) by inserting after subsection (f) the fol-  
20           lowing new subsection (g):

21           “(g) **OVERSIGHT BY ASD FOR SOLIC.**—The Assist-  
22 ant Secretary of Defense for Special Operations and Low-  
23 Intensity Conflict shall have primary responsibility within  
24 the Office of the Secretary of Defense for oversight of poli-

1 cies and programs for support authorized by this sec-  
2 tion.”.

3 (b) REPORTS.—Subsection (h) of such section, as re-  
4 designated by subsection (a)(1) of this section is further  
5 amended—

6 (1) in paragraph (1)—

7 (A) in the heading, by striking “CALENDAR  
8 YEAR” and inserting “FISCAL YEAR”;

9 (B) by striking “March 1 each year” and  
10 inserting “120 days after the end of the pre-  
11 ceding fiscal year of each year”; and

12 (C) by striking “the preceding calendar  
13 year” and inserting “such preceding fiscal  
14 year”; and

15 (2) in paragraph (2)—

16 (A) in the heading, by striking “CALENDAR  
17 YEAR” and inserting “FISCAL YEAR”;

18 (B) by striking “September 1” and insert-  
19 ing “July 1”; and

20 (C) by striking “the calendar year” and in-  
21 serting “the fiscal year”.

1 **SEC. 1203. MODIFICATIONS OF CERTAIN AUTHORITY IN**  
2 **CONNECTION WITH REFORM OF DEFENSE SE-**  
3 **CURITY COOPERATION PROGRAMS AND AC-**  
4 **TIVITIES.**

5 (a) DEFENSE INSTITUTIONAL CAPACITY BUILDING  
6 OF FOREIGN COUNTRIES.—Section 332 of title 10, United  
7 States Code, is amended—

8 (1) in subsection (a), by inserting “members of  
9 the armed forces and” before “civilian employees” in  
10 the matter preceding paragraph (1);

11 (2) in subsection (b)(2)(B)—

12 (A) by striking “employees” both place it  
13 appears and inserting “advisors”; and

14 (B) by striking “employee’s” and inserting  
15 “advisor’s”; and

16 (3) in subsection (c)—

17 (A) by inserting “member of the armed  
18 forces or” before “civilian employee of the De-  
19 partment of Defense” in the matter preceding  
20 paragraph (1);

21 (B) in paragraph (1), by striking “em-  
22 ployee as an”; and

23 (C) in paragraph (3), by striking “the em-  
24 ployee” and inserting “the advisor”.

25 (b) DEFENSE INSTITUTIONAL CAPACITY BUILDING  
26 OF FOREIGN FORCES.—Section 333(c)(4) of such title is

1 amended by striking “the Department” and inserting “the  
2 Department of Defense or another department or agency  
3 of the United States Government”.

4 **SEC. 1204. GLOBAL SECURITY CONTINGENCY FUND MAT-**  
5 **TERS.**

6 (a) TWO-YEAR EXTENSION OF AUTHORITY.—Section  
7 1207 of the National Defense Authorization Act for Fiscal  
8 Year 2012 (22 U.S.C. 2151 note) is amended—

9 (1) in subsection (i), by striking “September  
10 30, 2017” and inserting “September 30, 2019”; and

11 (2) in subsection (p)—

12 (A) by striking “September 30, 2017” and  
13 inserting “September 30, 2019”; and

14 (B) by striking “through 2017” and in-  
15 serting “through 2019”.

16 (b) PURPOSES OF FUND.—Subsection (b) of such  
17 section is amended—

18 (1) in paragraph (1)—

19 (A) in the matter preceding subparagraph  
20 (A), by striking “, or other national security  
21 forces that conduct border and maritime secu-  
22 rity, internal defense, and counterterrorism op-  
23 erations” and inserting “or other national secu-  
24 rity forces”;

1 (B) in subparagraph (A), by striking “or”  
2 at the end;

3 (C) in subparagraph (B), by striking the  
4 period at the end and inserting “; or”; and

5 (D) by adding at the end the following new  
6 subparagraph:

7 “(C) provide support to civil or national  
8 security authorities in connection with humani-  
9 tarian assistance (including demining), disaster  
10 response, and disaster risk reduction activi-  
11 ties.”; and

12 (2) in paragraph (2), by striking “rule of law  
13 programs,” and all that follows and inserting “rule  
14 of law programs and stabilization efforts in a coun-  
15 try.”.

16 (c) NOTICE TO CONGRESS ON INITIATION OF ASSIST-  
17 ANCE.—Subsection (l) of such section is amended by strik-  
18 ing “30 days” and inserting “15 days”.

19 **SEC. 1205. DEFENSE INSTITUTE OF INTERNATIONAL LEGAL**  
20 **STUDIES.**

21 (a) IN GENERAL.—The Secretary of Defense may op-  
22 erate an institute to be known as the “Defense Institute  
23 of International Legal Studies” (in this section referred  
24 to as the “Institute”) in accordance with this section for

1 purposes in furtherance of United States security and for-  
2 eign policy objectives of—

3 (1) promoting an understanding of and appre-  
4 ciation for the rule of law; and

5 (2) encouraging the international development  
6 of internal capacities of foreign governments for ci-  
7 vilian control of the military, military justice, the  
8 legal aspects of peacekeeping, good governance and  
9 anti-corruption in defense reform, and human rights.

10 (b) ACTIVITIES.—In carrying out the purposes speci-  
11 fied in subsection (a), the Institute may conduct activities  
12 as follows:

13 (1) Research, communication, and exchange of  
14 ideas.

15 (2) Education and training involving military  
16 and civilian personnel, both within and outside the  
17 United States.

18 (3) Building the legal capacity of foreign mili-  
19 tary and other security forces, including equitable,  
20 transparent, and accountable defense institutions, ci-  
21 vilian control of the military, human rights, and  
22 democratic governance.

23 (4) Institutional legal capacity building of for-  
24 eign defense and security institutions.

1 (c) CONCURRENCE OF SECRETARY OF STATE.—The  
2 concurrence of the Secretary of State is required to con-  
3 duct activities specified in subsection (b).

4 (d) DEPARTMENT OF DEFENSE REVIEW.—

5 (1) IN GENERAL.—The Secretary of Defense  
6 shall conduct a comprehensive review of the mission,  
7 workforce, funding, and other support of the Insti-  
8 tute.

9 (2) ELEMENTS.—The review shall include, but  
10 not be limited to, the following:

11 (A) An assessment of the scope of the mis-  
12 sion of the Institute, taking into account the in-  
13 creasing security cooperation authorities and re-  
14 quirements of the Department of Defense, in-  
15 cluding core rule of law training in the United  
16 States and abroad, defense legal institution  
17 building, and statutorily required human rights  
18 and legal capacity building of foreign security  
19 forces.

20 (B) An assessment of the workforce of the  
21 Institute, including whether it is appropriately  
22 sized to align with the full scope of the mission  
23 of the Institute.

24 (C) A review of the funding mechanisms  
25 for the activities of the Institute, including the

1 current mechanisms for reimbursing the Insti-  
2 tute by the Department of State and by the De-  
3 partment of Defense through the budget of the  
4 Defense Security Cooperation Agency.

5 (D) An evaluation of the feasibility and ad-  
6 visability of the provision of funds appropriated  
7 for the Department of Defense directly to the  
8 Institute, and the actions, if any, required to  
9 authorize the Institute to receive such funds di-  
10 rectly.

11 (E) A description of the challenges, if any,  
12 of the Institute to increase its capacity to pro-  
13 vide residence courses to meet demands for  
14 training and assistance.

15 (F) An assessment of the capacity of the  
16 Department of Defense to assess, monitor, and  
17 evaluate the effectiveness of the human rights  
18 training and other activities of the Institute.

19 (3) REPORT.—Not later than 180 days after  
20 the date of the enactment of this Act, the Secretary  
21 shall submit to the congressional defense committees  
22 a report summarizing the findings of the review and  
23 any recommendations for enhancing the capability of  
24 the Institute to fulfill its mission that the Secretary  
25 considers appropriate.

1       **Subtitle B—Matters Relating to**  
2               **Afghanistan and Pakistan**

3       **SEC. 1211. EXTENSION OF COMMANDERS' EMERGENCY RE-**  
4                       **SPONSE PROGRAM AND RELATED AUTHORI-**  
5                       **TIES.**

6           (a) CERP.—Section 1201 of the National Defense  
7       Authorization Act for Fiscal Year 2012 (Public Law 112–  
8       81; 125 Stat. 1619), as most recently amended by section  
9       1211(a) of the National Defense Authorization Act for  
10      Fiscal Year 2017 (Public Law 114–328; 130 Stat. 2477),  
11      is further amended—

12           (1) in subsection (a), by striking “December  
13           31, 2018” and inserting “December 31, 2019”;

14           (2) in subsection (b), by striking “fiscal year  
15           2017 and fiscal year 2018” and inserting “each of  
16           fiscal years 2017, 2018, and 2019”; and

17           (3) in subsection (f), by striking “December 31,  
18           2018” and inserting “December 31, 2019”.

19           (b) PAYMENTS FOR REDRESS OF CERTAIN INJU-  
20      RIES.—Section 1211(b)(1) of the National Defense Au-  
21      thorization Act for Fiscal Year 2017 (130 Stat. 2478) is  
22      amended by striking “December 31, 2018” and inserting  
23      “December 31, 2019”.

1 **SEC. 1212. EXTENSION OF AUTHORITY TO TRANSFER DE-**  
2 **ENSE ARTICLES AND PROVIDE DEFENSE**  
3 **SERVICES TO THE MILITARY AND SECURITY**  
4 **FORCES OF AFGHANISTAN.**

5 (a) EXPIRATION.—Subsection (h) of section 1222 of  
6 the National Defense Authorization Act for Fiscal Year  
7 2013 (Public Law 112–239; 126 Stat. 1992), as most re-  
8 cently amended by section 1213 of the National Defense  
9 Authorization Act for Fiscal Year 2017 (Public Law 114–  
10 328; 130 Stat. 2478), is further amended by striking “De-  
11 cember 31, 2017” and inserting “December 31, 2018”.

12 (b) EXCESS DEFENSE ARTICLES.—Subsection (i)(2)  
13 of such section 1222, as so amended, is further amended  
14 by striking “December 31, 2017” each place it appears  
15 and inserting “December 31, 2018”.

16 **SEC. 1213. EXTENSION AND MODIFICATION OF AUTHORITY**  
17 **FOR REIMBURSEMENT OF CERTAIN COALI-**  
18 **TION NATIONS FOR SUPPORT PROVIDED TO**  
19 **UNITED STATES MILITARY OPERATIONS.**

20 (a) EXTENSION.—Subsection (a) of section 1233 of  
21 the National Defense Authorization Act for Fiscal Year  
22 2008 (Public Law 110–181; 122 Stat. 393), as most re-  
23 cently amended by section 1218 of the National Defense  
24 Authorization Act for Fiscal Year 2017 (Public Law 114–  
25 328), is further amended by striking “the period begin-

1 ning on October 1, 2016, and ending on December 31,  
2 2017,” and inserting “fiscal year 2018,”.

3 (b) LIMITATIONS ON AMOUNTS AVAILABLE.—Sub-  
4 section (d)(1) of such section, as so amended, is further  
5 amended—

6 (1) in the first sentence, by striking “during  
7 the period beginning on October 1, 2016, and ending  
8 on December 31, 2017, may not exceed  
9 \$1,100,000,000” and inserting “during fiscal year  
10 2018 may not exceed \$900,000,000”; and

11 (2) in the second sentence, by striking “the pe-  
12 riod beginning on October 1, 2016 and ending on  
13 December 31, 2017, may not exceed \$900,000,000”  
14 and inserting “during fiscal year 2018 may not ex-  
15 ceed \$700,000,000”.

16 (c) EXTENSION OF REPORTING REQUIREMENT ON  
17 REIMBURSEMENT OF PAKISTAN FOR SECURITY EN-  
18 HANCEMENT ACTIVITIES.—Subsection (e)(2) of such sec-  
19 tion, as added by section 1218 of the National Defense  
20 Authorization Act for Fiscal Year 2017, is amended by  
21 inserting “and annually thereafter,” after “December 31,  
22 2017,”.

23 (d) EXTENSION OF NOTICE REQUIREMENT RELAT-  
24 ING TO REIMBURSEMENT OF PAKISTAN FOR SUPPORT  
25 PROVIDED BY PAKISTAN.—Section 1232(b)(6) of the Na-

1 tional Defense Authorization Act for Fiscal Year 2008,  
2 as most recently amended by section 1218(e) of the Na-  
3 tional Defense Authorization Act for Fiscal Year 2017,  
4 is further amended by striking “December 31, 2017” and  
5 inserting “September 30, 2018”.

6 (e) EXTENSION OF LIMITATION ON REIMBURSEMENT  
7 OF PAKISTAN PENDING CERTIFICATION ON PAKISTAN.—  
8 Section 1227(d)(1) of the National Defense Authorization  
9 Act for Fiscal Year 2013 (Public Law 112–239; 126 Stat.  
10 2001), as most recently amended by section 1218(f) of  
11 the National Defense Authorization Act for Fiscal Year  
12 2017, is further amended by striking “for any period prior  
13 to December 31, 2017” and inserting “for fiscal year 2018  
14 and any prior fiscal year”.

15 (f) ADDITIONAL LIMITATION ON REIMBURSEMENT  
16 OF PAKISTAN PENDING CERTIFICATION ON PAKISTAN.—  
17 Of the total amount of reimbursements and support au-  
18 thorized for Pakistan during fiscal year 2018 pursuant to  
19 the second sentence of section 1233(d)(1) of the National  
20 Defense Authorization Act for Fiscal Year 2008 (as  
21 amended by subsection (b)(2)), \$350,000,000 shall not be  
22 eligible for the waiver under section 1227(d)(2) of the Na-  
23 tional Defense Authorization Act for Fiscal Year 2013  
24 (126 Stat. 2001) unless the Secretary of Defense certifies  
25 to the congressional defense committees that—

1           (1) Pakistan continues to conduct military oper-  
2           ations that are contributing to significantly dis-  
3           rupting the safe havens, fundraising and recruiting  
4           efforts, and freedom of movement of the Haqqani  
5           Network and Lashkar-e-Tayyiba in Pakistan;

6           (2) Pakistan has taken steps to demonstrate its  
7           commitment to prevent the Haqqani Network and  
8           Lashkar-e-Tayyiba from using any Pakistan terri-  
9           tory as a safe haven and for fundraising and recruit-  
10          ing efforts;

11          (3) the Government of Pakistan is making an  
12          attempt to actively coordinate with the Government  
13          of Afghanistan to restrict the movement of militants,  
14          such as the Haqqani Network and Lashkar-e-  
15          Tayyiba, along the Afghanistan-Pakistan border;  
16          and

17          (4) Pakistan has shown progress in arresting  
18          and prosecuting senior leaders and mid-level  
19          operatives of the Haqqani Network and Lashkar-e-  
20          Tayyiba.

1 **SEC. 1214. EXTENSION OF AUTHORITY TO ACQUIRE PROD-**  
2 **UCTS AND SERVICES PRODUCED IN COUN-**  
3 **TRIES ALONG A MAJOR ROUTE OF SUPPLY**  
4 **TO AFGHANISTAN.**

5 Section 801(f) of the National Defense Authorization  
6 Act for Fiscal Year 2010 (Public Law 111–84; 123 Stat.  
7 2399), as most recently amended by section 1212 of the  
8 National Defense Authorization Act for Fiscal Year 2017  
9 (Public Law 114–328; 130 Stat. 2478), is further amend-  
10 ed by striking “December 31, 2018” and inserting “De-  
11 cember 31, 2019”.

12 **SEC. 1215. EXTENSION OF SEMIANNUAL REPORT ON EN-**  
13 **HANCING SECURITY AND STABILITY IN AF-**  
14 **GHANISTAN.**

15 Section 1225(a)(2) of the Carl Levin and Howard P.  
16 “Buck” McKeon National Defense Authorization Act for  
17 Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3550),  
18 as amended by section 1215(a) of the National Defense  
19 Authorization Act for Fiscal Year 2017 (Public Law 114–  
20 328; 130 Stat. 2480), is further amended by striking “De-  
21 cember 15, 2019” and inserting “December 15, 2020”.

22 **SEC. 1216. SENSE OF CONGRESS REGARDING THE AFGHAN**  
23 **SPECIAL IMMIGRANT VISA PROGRAM.**

24 (a) FINDINGS.—Congress finds the following:

25 (1) The Armed Forces, the Department of  
26 State, the United States Agency for International

1 Development, and other agencies and departments of  
2 the United States rely on the services of Afghan na-  
3 tionals in a variety of sensitive and trusted capaci-  
4 ties to support the operations of the United States  
5 Government in Afghanistan.

6 (2) Afghans who have supported the United  
7 States Government in Afghanistan face grave  
8 threats from the Taliban and other terrorist groups  
9 as a result of their service.

10 (3) Commander of the United States Central  
11 Command, General Joseph L. Votel, warned in a  
12 June 14, 2017, letter that “curtailing or aban-  
13 doning” the special immigrant visa program for Af-  
14 ghans carried out under the Afghan Allies Protec-  
15 tion Act of 2009 (8 U.S.C. 1101 note) “would risk  
16 significantly undermining years of progress and  
17 goodwill and could serve to tip the balance in favor  
18 of malign actors”.

19 (4) Commander of Resolute Support and  
20 United States Forces-Afghanistan, General John W.  
21 Nicholson Jr., warned in a June 12, 2017, letter  
22 that if such program “is not fully resourced it could  
23 significantly undermine our credibility and the 16  
24 years of tremendous sacrifice by thousands of Af-

1 ghans on behalf of Americans and Coalition part-  
2 ners”.

3 (5) All visas allocated for such program are  
4 projected to be exhausted and all visa issuances for  
5 principal applicants will cease in October 2017, if  
6 additional visas are not authorized.

7 (6) The cessation of the issuance of special im-  
8 migrant visas for Afghans is likely to cause panic  
9 among the Afghans who are assisting the United  
10 States, often at great personal risk, and could sig-  
11 nificantly affect the operations of the United States  
12 Government in Afghanistan.

13 (b) SENSE OF CONGRESS.—It is the sense of Con-  
14 gress that an additional 4,000 visas should be made avail-  
15 able for principal aliens who are eligible for special immi-  
16 grant status under the Afghan Allies Protection Act of  
17 2009 (8 U.S.C. 1101 note) to prevent harm to the oper-  
18 ations of the United States Government in Afghanistan.

19 **SEC. 1217. SPECIAL IMMIGRANT VISAS FOR AFGHAN AL-**  
20 **LIES.**

21 Section 602(b)(3)(F) of the Afghan Allies Protection  
22 Act of 2009 (8 U.S.C. 1101 note) is amended in the mat-  
23 ter preceding clause (i), by striking “11,000” and insert-  
24 ing “15,000”.

1       **Subtitle C—Matters Relating to**  
2                   **Syria, Iraq, and Iran**

3       **SEC. 1231. MODIFICATION OF AUTHORITY TO PROVIDE AS-**  
4                   **SISTANCE TO COUNTER THE ISLAMIC STATE**  
5                   **OF IRAQ AND SYRIA.**

6       (a) CLARIFICATION OF CONSTRUCTION AUTHOR-  
7       ITY.—

8               (1) CLARIFICATION.—Subsection (a) of section  
9       1236 of the Carl Levin and Howard P. “Buck”  
10       McKeon National Defense Authorization Act for  
11       Fiscal Year 2015 (Public Law 113–291; 128 Stat.  
12       3558), as most recently amended by section 1222 of  
13       the National Defense Authorization Act for Fiscal  
14       Year 2017 (Public Law 114–328; 130 Stat. 2485),  
15       is further amended by striking “facility and infra-  
16       structure repair and renovation,” and inserting “in-  
17       frastructure repair and renovation, small-scale con-  
18       struction of temporary facilities necessary to meet  
19       urgent operational or force protection requirements  
20       with a cost less than \$4,000,000,”.

21               (2) ADDITIONAL LIMITATIONS AND REQUIRE-  
22       MENTS.—Such section 1236 is further amended by  
23       adding at the end the following new subsections:

24       “(m) LIMITATION ON AGGREGATE COST OF CON-  
25       STRUCTION, REPAIR, AND RENOVATION PROJECTS.—The

1 aggregate amount of construction, repair, and renovation  
2 projects carried out under this section in any fiscal year  
3 may not exceed \$30,000,000.

4 “(n) APPROVAL AND NOTICE BEFORE CERTAIN CON-  
5 STRUCTION, REPAIR, AND RENOVATION PROJECTS.—

6 “(1) APPROVAL.—A construction, repair, or  
7 renovation project costing more than \$1,000,000  
8 may not be carried out under this section unless ap-  
9 proved in advance by the Commander of the United  
10 States Central Command.

11 “(2) NOTICE.—When a decision is made to  
12 carry out a construction, repair, or renovation  
13 project to which paragraph (1) applies, the Com-  
14 mander of the United States Central Command shall  
15 notify in writing the appropriate committees of Con-  
16 gress of that decision, including the justification for  
17 the project and the estimated cost of the project.  
18 The project may be carried out only after the end  
19 of the 21-day period beginning on the date the noti-  
20 fication is received by the committees or, if earlier,  
21 the end of the 14-day period beginning on the date  
22 on which a copy of the notification is provided in an  
23 electronic medium pursuant to section 480 of title  
24 10, United States Code.”.

1           (3) ELEMENT IN QUARTERLY REPORTS ON  
2 CONSTRUCTION, REPAIR, AND RENOVATION.—Para-  
3 graph (8) of subsection (d) of such section 1236 is  
4 amended to read as follows:

5           “(8) A list of new projects for construction, re-  
6 pair, or renovation commenced during the period  
7 covered by such progress report, and a list of  
8 projects for construction, repair, or renovation con-  
9 tinuing from the period covered by the preceding  
10 progress report.”.

11          (b) FUNDING.—Subsection (g) of such section 1236,  
12 as most recently amended by section 1222 of the National  
13 Defense Authorization Act for Fiscal Year 2017, is further  
14 amended—

15           (1) by striking “in the National Defense Au-  
16 thorization Act for Fiscal Year 2017 for Overseas  
17 Contingency Operations in title XV for fiscal year  
18 2017” and inserting “for the Department of Defense  
19 for Overseas Contingency Operations for fiscal year  
20 2018”; and

21           (2) by striking “\$630,000,000” and inserting  
22 “\$1,269,000,000”.

23          (c) NAME OF ISLAMIC STATE OR IRAQ AND SYRIA.—

24           (1) IN GENERAL.—Such section 1236 is further  
25 amended—

1 (A) in subsection (a)(1)—

2 (i) by striking “the Levant” and in-  
3 serting “Syria”; and

4 (ii) by striking “ISIL” each place it  
5 appears and inserting “ISIS”; and

6 (B) in subsection (l)—

7 (i) in paragraph (1)(B)(i), by striking  
8 “the Levant (ISIL)” and inserting “Syria  
9 (ISIS)”; and

10 (ii) in paragraph (2)(A), by striking  
11 “ISIL” and inserting “ISIS”.

12 (2) **HEADING AMENDMENT.**—The heading of  
13 such section 1236 is amended to read as follows:

14 **“SEC. 1236. AUTHORITY TO PROVIDE ASSISTANCE TO**  
15 **COUNTER THE ISLAMIC STATE OF IRAQ AND**  
16 **SYRIA.”.**

17 **SEC. 1232. MODIFICATION OF AUTHORITY TO PROVIDE AS-**  
18 **SISTANCE TO THE VETTED SYRIAN OPPOSI-**  
19 **TION.**

20 (a) **NATURE OF ASSISTANCE.**—Subsection (a) of sec-  
21 tion 1209 of the Carl Levin and Howard P. “Buck”  
22 McKeon National Defense Authorization Act for Fiscal  
23 Year 2015 (Public Law 113–291; 128 Stat. 3541), as  
24 amended by section 1221(a) of the National Defense Au-  
25 thorization Act for Fiscal Year 2017 (Public Law 114–

1 328; 130 Stat. 2485), is further amended in the matter  
2 preceding paragraph (1) by striking “construction of  
3 training and associated facilities” and inserting “construc-  
4 tion and repair of training and associated facilities or  
5 other facilities necessary to meet urgent military oper-  
6 ational requirements of a temporary nature with a cost  
7 less than \$4,000,000”.

8 (b) SCOPE OF ELEMENT ON CONSTRUCTION  
9 PROJECTS IN QUARTERLY PROGRESS REPORTS.—Sub-  
10 section (d)(9) of such section 1209 is amended by insert-  
11 ing before the semicolon the following: “, including new  
12 construction or repair commenced during the period cov-  
13 ered by such progress report and construction and repair  
14 continuing from the period covered by the preceding  
15 progress report”.

16 (c) NOTICE ON NEW INITIATIVES.—

17 (1) IN GENERAL.—Subsection (f) of such sec-  
18 tion 1209, as most recently amended by section  
19 1221(b) of the National Defense Authorization Act  
20 for Fiscal Year 2017, is further amended to read as  
21 follows:

22 “(f) NOTICE TO CONGRESS BEFORE INITIATION OF  
23 NEW INITIATIVES.—Not later than 30 days before initi-  
24 ating a new initiative under subsection (a), the Secretary

1 of Defense shall submit to the appropriate congressional  
2 committees a notice setting forth the following:

3 “(1) The initiative to be carried out, including  
4 a detailed description of the assistance provided.

5 “(2) The budget, implementation timeline and  
6 anticipated delivery schedule for the assistance to  
7 which the initiative relates, the military department  
8 responsible for management and the associated pro-  
9 gram executive office, and the completion date for  
10 the initiative.

11 “(3) The amount, source, and planned expendi-  
12 ture of funds to carry out the initiative.

13 “(4) Any financial or other support for the ini-  
14 tiation provided by foreign governments.

15 “(5) Any other information with respect to the  
16 initiative that the Secretary considers appropriate.”.

17 (2) EFFECTIVE DATE.—The amendment made  
18 by paragraph (1) shall take effect on the date of the  
19 enactment of this Act, and shall apply with respect  
20 to new initiatives initiated under section 1209 of the  
21 Carl Levin and Howard P. “Buck” McKeon Na-  
22 tional Defense Authorization Act for Fiscal Year  
23 2015 on or after the date that is 30 days after the  
24 date of the enactment of this Act.

1 (d) LIMITATION ON AGGREGATE COST OF CON-  
2 STRUCTION AND REPAIR PROJECTS.—Such section 1209  
3 is further amended by adding at the end the following new  
4 subsection:

5 “(1) LIMITATION ON AGGREGATE COST OF CON-  
6 STRUCTION AND REPAIR PROJECTS.—The aggregate  
7 amount of construction and repair projects carried out  
8 under this section in any fiscal year may not exceed  
9 \$10,000,000.”.

10 (e) APPROVAL AND NOTICE BEFORE CERTAIN CON-  
11 STRUCTION AND REPAIR PROJECTS.—Such section 1209  
12 is further amended by adding at the end the following new  
13 subsection:

14 “(m) APPROVAL AND NOTICE BEFORE CERTAIN  
15 CONSTRUCTION AND REPAIR PROJECTS.—

16 “(1) APPROVAL.—A construction or repair  
17 project costing more than \$1,000,000 may not be  
18 carried out under this section unless approved in ad-  
19 vance by the Commander of the United States Cen-  
20 tral Command.

21 “(2) NOTICE.—When a decision is made to  
22 carry out a construction or repair project to which  
23 paragraph (1) applies, the Commander of the United  
24 States Central Command shall notify in writing the  
25 appropriate committees of Congress of that decision,

1 including the justification for the project and the es-  
2 timated cost of the project. The project may be car-  
3 ried out only after the end of the 21-day period be-  
4 ginning on the date the notification is received by  
5 the committees or, if earlier, the end of the 14-day  
6 period beginning on the date on which a copy of the  
7 notification is provided in an electronic medium pur-  
8 suant to section 480 of title 10, United States  
9 Code.”.

10 **SEC. 1233. EXTENSION AND MODIFICATION OF AUTHORITY**  
11 **TO SUPPORT OPERATIONS AND ACTIVITIES**  
12 **OF THE OFFICE OF SECURITY COOPERATION**  
13 **IN IRAQ.**

14 (a) **EXTENSION OF AUTHORITY.**—Subsection (f)(1)  
15 of section 1215 of the National Defense Authorization Act  
16 for Fiscal Year 2012 (10 U.S.C. 113 note) is amended  
17 by striking “fiscal year 2017” and inserting “fiscal year  
18 2018”.

19 (b) **AMOUNT AVAILABLE.**—

20 (1) **IN GENERAL.**—Such section is further  
21 amended—

22 (A) in subsection (c), by striking “fiscal  
23 year 2017 may not exceed \$70,000,000” and  
24 inserting “fiscal year 2018 may not exceed  
25 \$42,000,000”; and

1 (B) in subsection (d), by striking “fiscal  
2 year 2017” and inserting “fiscal year 2018”.

3 (2) LIMITATION OF USE OF FY18 FUNDS PEND-  
4 ING PLAN.—Of the amount available for fiscal year  
5 2018 for section 1215 of the National Defense Au-  
6 thorization Act for Fiscal Year 2012, as amended by  
7 this section, not more than 50 percent may be obli-  
8 gated or expended until 30 days after the date on  
9 which the plan required by the joint explanatory  
10 statement to accompany the conference report on  
11 S.2943 of the 114th Congress, the National Defense  
12 Authorization Act for Fiscal Year 2017, and entitled  
13 “to transition the activities conducted by OSC-I but  
14 funded by the Department of Defense to another en-  
15 tity or transition the funding of such activities to  
16 another source” is provided to the appropriate com-  
17 mittees of Congress.

18 (c) CLARIFICATION OF OSC-I MANDATE AND EXPAN-  
19 SION OF ELIGIBLE RECIPIENTS.—Subsection (f) of such  
20 section is further amended—

21 (1) in paragraph (1), by striking “training ac-  
22 tivities in support of Iraqi Ministry of Defense and  
23 Counter Terrorism Service personnel” and all that  
24 follows and inserting “activities to support the fol-  
25 lowing:

1           “(A) Defense institution building to miti-  
2           gate capability gaps and promote effective and  
3           sustainable defense institutions.

4           “(B) Professionalization, strategic plan-  
5           ning and reform, financial management, man-  
6           power management, and logistics management  
7           of military and other security forces of or asso-  
8           ciated with the Government of Iraq, including  
9           Kurdish and tribal security forces or other local  
10          security forces with a national security mission,  
11          at a base or facility of the Government of  
12          Iraq.”; and

13          (2) in paragraph (2)—

14                 (A) in the heading, by striking “OF TRAIN-  
15                 ING”; and

16                 (B) by striking “training” and inserting  
17                 “activities of the Office of Security Cooperation  
18                 in Iraq”.

19   **SEC. 1234. MODIFICATION AND ADDITIONAL ELEMENTS IN**  
20                         **ANNUAL REPORT ON THE MILITARY POWER**  
21                         **OF IRAN.**

22          (a) IN GENERAL.—Section 1245(b) of the National  
23          Defense Authorization Act for Fiscal Year 2010 (10  
24          U.S.C. 113 note) is amended—

25                 (1) in paragraph (5)—

1 (A) by inserting “and from” after “trans-  
2 fers to”;

3 (B) by striking “from non-Iranian  
4 sources” and inserting “from or to non-Iranian  
5 sources or destinations”; and

6 (C) by inserting before the period at the  
7 end the following: “, including transfers that  
8 pertain to nuclear development, ballistic mis-  
9 siles, and chemical, biological, and advanced  
10 conventional weapons, weapon systems, and de-  
11 livery vehicles”; and

12 (2) by adding at the end the following new  
13 paragraphs:

14 “(6) An assessment of the use of civilian trans-  
15 portation infrastructure and assets, including sea-  
16 ports, airports, and commercial vessels and aircraft,  
17 used to transport illicit military cargo to or from  
18 Iran, including military personnel, military goods,  
19 and related components.

20 “(7) An assessment of military-to-military co-  
21 operation between Iran and foreign countries, includ-  
22 ing Cuba, North Korea, Pakistan, Sudan, Syria,  
23 Venezuela, and any other country designated by the  
24 Secretary of Defense with additional reference to co-  
25 operation and collaboration on the development of

1 nuclear, biological, chemical, and advanced conven-  
2 tional weapons, weapon systems, and delivery vehi-  
3 cles.”.

4 (b) EFFECTIVE DATE.—The amendments made by  
5 this section shall take effect on the date of the enactment  
6 of this Act, and shall apply with respect to reports re-  
7 quired to be submitted under section 1245 of the National  
8 Defense Authorization Act for Fiscal Year 2010 after that  
9 date.

## 10 **Subtitle D—Matters Relating to the** 11 **Russian Federation**

### 12 **SEC. 1241. EXTENSION OF LIMITATION ON MILITARY CO-** 13 **OPERATION BETWEEN THE UNITED STATES** 14 **AND THE RUSSIAN FEDERATION.**

15 Section 1232 of the National Defense Authorization  
16 Act for Fiscal Year 2017 (Public Law 114–328) is amend-  
17 ed—

18 (1) in subsection (a)—

19 (A) by inserting “or 2018” after “fiscal  
20 year 2017”; and

21 (B) by inserting “in the fiscal year con-  
22 cerned” after “may be used”; and

23 (2) in subsection (e), by inserting “with respect  
24 to funds for a fiscal year” after “the limitation in  
25 subsection (a)”.

1 **SEC. 1242. EXTENSION OF LIMITATION ON AVAILABILITY**  
2 **OF FUNDS RELATING TO ACTIVITIES TO REC-**  
3 **OGNIZE THE SOVEREIGNTY OF THE RUSSIAN**  
4 **FEDERATION OVER CRIMEA.**

5 Section 1234 of the National Defense Authorization  
6 Act for Fiscal Year 2017 (Public Law 114–328) is amend-  
7 ed—

8 (1) in subsection (a), by inserting “or 2018”  
9 after “fiscal year 2017”; and

10 (2) in subsection (b), by inserting “for a fiscal  
11 year” after “expenditure of funds”.

12 **SEC. 1243. EXTENSION OF UKRAINE SECURITY ASSISTANCE**  
13 **INITIATIVE.**

14 (a) EXTENSION.—Subsection (h) of section 1250 of  
15 the National Defense Authorization Act for Fiscal Year  
16 2016 (Public Law 114–92; 129 Stat. 1068), as amended  
17 by section 1237 of the National Defense Authorization Act  
18 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
19 2494), is further amended by striking “December 31,  
20 2018” and inserting “December 31, 2019”.

21 (b) FUNDING FOR FISCAL YEAR 2018.—Subsection  
22 (f) of such section 1250, as added by subsection (a) of  
23 such section 1237, is further amended by adding at the  
24 end the following new paragraph:

25 “(3) For fiscal year 2018, \$500,000,000.”.

1 (c) AVAILABILITY OF FUNDS.—Subsection (c) of  
2 such section 1250, as amended by subsection (c) of such  
3 section 1237, is further amended—

4 (1) in paragraph (1), by inserting after “pursu-  
5 ant to subsection (f)(2)” the following: “, or more  
6 than \$250,000,000 of the funds available for fiscal  
7 year 2018 pursuant to subsection (f)(3),”;

8 (2) in paragraph (2), by inserting “with respect  
9 to the fiscal year concerned” after “is a certifi-  
10 cation”; and

11 (3) in paragraph (3)—

12 (A) by inserting “or 2018” after “in fiscal  
13 year 2017”; and

14 (B) by striking “in paragraph (2), such  
15 funds may be used in that fiscal year” and in-  
16 serting “in paragraph (2) with respect to such  
17 fiscal year, such funds may be used in such fis-  
18 cal year”.

19 **SEC. 1244. EXTENSION OF AUTHORITY ON TRAINING FOR**  
20 **EASTERN EUROPEAN NATIONAL SECURITY**  
21 **FORCES IN THE COURSE OF MULTILATERAL**  
22 **EXERCISES.**

23 (a) EXTENSION.—Subsection (h) of section 1251 of  
24 the National Defense Authorization Act for Fiscal Year  
25 2016 (10 U.S.C. 2282 note) is amended—

1 (1) by striking “September 30, 2018” and in-  
2 serting “December 31, 2020”; and

3 (2) by striking “fiscal years 2016 through  
4 2018” and inserting “fiscal year 2016 through cal-  
5 endar year 2020”.

6 (b) TECHNICAL AND CONFORMING AMENDMENTS.—

7 Such section is further amended—

8 (1) by striking “military” each place it appears  
9 and inserting “security”;

10 (2) in subsection (e), by striking “that” and in-  
11 serting “than”; and

12 (3) in subsection (f), by striking “section 2282”  
13 and inserting “chapter 16”.

14 **SEC. 1245. SECURITY ASSISTANCE FOR BALTIC NATIONS**  
15 **FOR JOINT PROGRAM FOR RESILIENCY AND**  
16 **DETERRENCE AGAINST AGGRESSION.**

17 (a) IN GENERAL.—The Secretary of Defense may,  
18 with the concurrence of the Secretary of State, conduct  
19 or support a joint program of the Baltic nations to im-  
20 prove their resilience against and build their capacity to  
21 deter aggression by the Russian Federation.

22 (b) JOINT PROGRAM.—For purposes of subsection  
23 (a), a joint program of the Baltic nations may be either  
24 of the following:

1           (1) A program jointly agreed by the Baltic na-  
2           tions that builds interoperability among those coun-  
3           tries.

4           (2) An agreement for the joint procurement by  
5           the Baltic nations of defense articles or services  
6           using assistance provided pursuant to subsection (a).

7           (c) PARTICIPATION OF OTHER COUNTRIES.—Any  
8           country other than a Baltic nation may participate in the  
9           joint program described in subsection (a), but only using  
10          funds of such country.

11          (d) LIMITATION ON AMOUNT.—The total amount of  
12          assistance provided pursuant to subsection (a) in fiscal  
13          year 2018 may not exceed \$100,000,000.

14          (e) FUNDING.—Amounts for assistance provided pur-  
15          suant to subsection (a) shall be derived from amounts au-  
16          thorized to be appropriated by this Act and available for  
17          the European Deterrence Initiative (EDI).

18          (f) BALTIC NATIONS DEFINED.—In this section, the  
19          term “Baltic nations” means the following:

20               (1) Estonia.

21               (2) Latvia.

22               (3) Lithuania.

1 **SEC. 1246. ANNUAL REPORT ON MILITARY AND SECURITY**  
2 **DEVELOPMENTS INVOLVING THE RUSSIAN**  
3 **FEDERATION.**

4 Section 1245(b) of the Carl Levin and Howard P.  
5 “Buck” McKeon National Defense Authorization Act for  
6 Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3566),  
7 as most recently amended by section 1235(a) of the Na-  
8 tional Defense Authorization Act for Fiscal Year 2017  
9 (Public Law 114–328; 130 Stat. 2490), is further amend-  
10 ed—

11 (1) by redesignating paragraphs (14) through  
12 (20) as paragraphs (15) through (21), respectively;  
13 and

14 (2) by inserting after paragraph (13) the fol-  
15 lowing new paragraph (14):

16 “(14) An assessment of Russia’s hybrid warfare  
17 strategy and capabilities, including—

18 “(A) Russia’s information warfare strategy  
19 and capabilities, including the use of misin-  
20 formation, disinformation, and propaganda in  
21 social and traditional media;

22 “(B) Russia’s financing of political parties,  
23 think tanks, media organizations, and academic  
24 institutions;

25 “(C) Russia’s malicious cyber activities;

1           “(D) Russia’s use of coercive economic  
2           tools, including sanctions, market access, and  
3           differential pricing, especially in energy exports;  
4           and

5           “(E) Russia’s use of criminal networks and  
6           corruption to achieve political objectives.”.

7 **SEC. 1247. ANNUAL REPORT ON ATTEMPTS OF THE RUS-**  
8           **SIAN        FEDERATION        TO        PROVIDE**  
9           **DISINFORMATION AND PROPAGANDA TO**  
10          **MEMBERS OF THE ARMED FORCES BY SO-**  
11          **CIAL MEDIA.**

12          (a) ANNUAL REPORT REQUIRED.—Not later than  
13          March 31 each year, the Secretary of Defense shall submit  
14          to the congressional defense committees a report on at-  
15          tempts by the Russian Federation, or any foreign person  
16          acting as an agent of or on behalf of the Russian Federa-  
17          tion, during the preceding year to knowingly disseminate  
18          Russian Federation-supported disinformation or propa-  
19          ganda, through social media applications or related Inter-  
20          net-based means, to members of the Armed Forces with  
21          probable intent to cause injury to the United States or  
22          advantage the Government of the Russian Federation.

23          (b) FORM.—Each report under this section shall be  
24          submitted in unclassified form, but may include a classi-  
25          fied annex.

1 **SEC. 1248. SUPPORT OF EUROPEAN DETERRENCE INITIA-**  
2 **TIVE TO DETER RUSSIAN AGGRESSION.**

3 (a) FINDINGS.—Congress makes the following find-  
4 ings:

5 (1) Military exercises, such as Exercise Nifty  
6 Nugget and Exercise Reforger during the Cold War,  
7 have historically made important contributions to  
8 testing operational concepts, technologies, and lead-  
9 ership approaches; identifying limiting factors in the  
10 execution of operational plans and appropriate cor-  
11 rective action; and bolstering deterrence against ad-  
12 versaries by demonstrating United States military  
13 capabilities.

14 (2) Military exercises with North Atlantic Trea-  
15 ty Organization (NATO) allies enhance the inter-  
16 operability and strategic credibility of the alliance.

17 (3) The increase in conventional, nuclear, and  
18 hybrid threats by the Russian Federation against  
19 the security interests of the United States and allies  
20 in Europe requires substantial and sustained invest-  
21 ment to improve United States combat capability in  
22 Europe.

23 (4) The decline of a permanent United States  
24 military presence in Europe in recent years increases  
25 the likelihood the United States will rely on being  
26 able to flow forces from the continental United

1 States to the European theater in the event of a  
2 major contingency.

3 (5) Senior military leaders, including the Com-  
4 mander of United States Transportation Command,  
5 have warned that a variety of increasingly advanced  
6 capabilities, especially the proliferation of anti-ac-  
7 cess, area denial (A2/AD) capabilities, have given  
8 adversaries of the United States the ability to chal-  
9 lenge the freedom of movement of the United States  
10 military in all domains from force deployment to em-  
11 ployment to disrupt, delay, or deny operations.

12 (b) SENSE OF CONGRESS.—It is the sense of Con-  
13 gress that, to enhance the European Deterrence Initiative  
14 and bolster deterrence against Russian aggression, the  
15 United States, together with North Atlantic Treaty Orga-  
16 nization allies and other European partners, should dem-  
17 onstrate its resolve and ability to meet its commitments  
18 under Article V of the North Atlantic Treaty through ap-  
19 propriate military exercises with an emphasis on participa-  
20 tion of United States forces based in the continental  
21 United States and testing strategic and operational logis-  
22 tics and transportation capabilities.

23 (c) REPORT.—

24 (1) IN GENERAL.—Not later than March 1,  
25 2018, the Secretary of Defense shall submit to the

1 congressional defense committees a report setting  
2 forth the following:

3 (A) An analysis of the challenges to the  
4 ability of the United States to flow significant  
5 forces from the continental United States to the  
6 European theater in the event of a major con-  
7 tingency.

8 (B) The plans of the Department of De-  
9 fense, including the conduct of military exer-  
10 cises, to address such challenges.

11 (2) FORM.—The report required by paragraph  
12 (1) shall be submitted in unclassified form, but may  
13 include a classified annex.

14 **SEC. 1249. SENSE OF CONGRESS ON THE EUROPEAN DE-**  
15 **TERRENCE INITIATIVE.**

16 It is the sense of Congress that—

17 (1) the European Deterrence Initiative will bol-  
18 ster efforts to deter further Russian aggression by  
19 providing resources to—

20 (A) train and equip the military forces of  
21 North Atlantic Treaty Organization (NATO)  
22 and non-North Atlantic Treaty Organization  
23 partners in order to improve responsiveness, ex-  
24 pand expeditionary capability, and strengthen

1           combat effectiveness across the spectrum of se-  
2           curity environments;

3           (B) enhance the indications and warning,  
4           interoperability, and logistics capabilities of Al-  
5           lied and partner military forces to increase their  
6           ability to respond to external aggression, defend  
7           sovereignty and territorial integrity, and pre-  
8           serve regional stability;

9           (C) improve the agility and flexibility of  
10          military forces required to address threats  
11          across the full spectrum of domains and effec-  
12          tively operate in a wide array of coalition oper-  
13          ations across diverse global environments from  
14          North Africa and the Middle East to Eastern  
15          Europe and the Arctic; and

16          (D) mitigate potential gaps forming in the  
17          areas of information warfare, Anti-Access Area  
18          Denial, and force projection;

19          (2) investments that support the security and  
20          stability of Europe, and that assist European na-  
21          tions in further developing their security capabilities,  
22          are in the long-term vital national security interests  
23          of the United States; and

24          (3) funds for such efforts should be authorized  
25          and appropriated in the base budget of the Depart-



1           (1) The North Atlantic Treaty Organization  
2 (NATO) Intelligence Fusion Center provides a cru-  
3 cial contribution to the North Atlantic Treaty Orga-  
4 nization alliance and the national security of the  
5 United States.

6           (2) The fast-paced evolution of the security sit-  
7 uation throughout Europe and its periphery, as well  
8 as a marked increase in conventional, nuclear, and  
9 hybrid threats from the Russian Federation, require  
10 optimized efforts to track and attribute critical  
11 threats to the security and stability of Europe and  
12 United States national security interests.

13           (3) The ability of the North Atlantic Treaty Or-  
14 ganization Intelligence Fusion Center to leverage  
15 strategic intelligence partnerships with the United  
16 States and other allies facilitates daily and direct  
17 collaboration that provides operational advantages  
18 and efficiencies needed to ensure the rapid and prop-  
19 er response by the North Atlantic Treaty Organiza-  
20 tion to Russian aggression in the conventional, nu-  
21 clear, and hybrid domains.

22           (4) The collocation of the North Atlantic Treaty  
23 Organization Intelligence Fusion Center with the  
24 Joint Intelligence Analysis Complex of the United  
25 States European Command facilitates the sharing

1 and fusion of intelligence, contributes to filling intel-  
2 ligence gaps within both the North Atlantic Treaty  
3 Organization and the United States European Com-  
4 mand, and supports a common intelligence picture  
5 for the North Atlantic Council, which is essential to  
6 establishing political consensus on evaluating, ana-  
7 lyzing, and attributing existing and emerging  
8 threats.

9 (5) The North Atlantic Treaty Organization In-  
10 telligence Fusion Center and its collocation with the  
11 Joint Intelligence Analysis Complex contribute sig-  
12 nificantly to providing the North Atlantic Treaty Or-  
13 ganization alliance and the United States European  
14 Command timely and effective indications and warn-  
15 ings of threats emanating from within and around  
16 Europe.

17 (b) SENSE OF CONGRESS.—It is the sense of Con-  
18 gress that the collocation of the North Atlantic Treaty Or-  
19 ganization Intelligence Fusion Center with the Joint Intel-  
20 ligence Analysis Complex of the United States European  
21 Command provides the optimal solution to intelligence and  
22 operational requirements, while fostering critical diplo-  
23 matic relationships, and is the most efficient configuration  
24 of the intelligence enterprise.

1 **Subtitle E—Matters Relating to the**  
2 **Asia-Pacific Region**

3 **SEC. 1261. ASIA-PACIFIC STABILITY INITIATIVE.**

4 (a) IN GENERAL.—The Secretary of Defense may  
5 carry out a program of activities described in subsection  
6 (b) for the purpose of enhancing stability in the Asia-Pa-  
7 cific region. The program of activities shall be known as  
8 the “Asia-Pacific Stability Initiative”.

9 (b) ACTIVITIES.—The activities described in this sub-  
10 section are the following:

11 (1) Activities to increase the presence and en-  
12 hance the posture of the United States Armed  
13 Forces in the Asia-Pacific region.

14 (2) Bilateral and multilateral military training  
15 and exercises with allies and partner nations in the  
16 Asia-Pacific region.

17 (3) Activities to improve military and defense  
18 infrastructure in the Asia-Pacific region in order to  
19 enhance the responsiveness and capabilities of the  
20 United States Armed Forces in that region.

21 (4) Activities to enhance the storage and pre-  
22 positioning in the Asia-Pacific region of equipment  
23 of the United States Armed Forces.

24 (5) Activities to build the defense and security  
25 capacity of the United States Armed Forces in the

1 Asia-Pacific region and, using the authorities speci-  
2 fied in subsection (c), the defense and security ca-  
3 pacity of allies and partner nations in that region.

4 (c) ACTIVITIES TO BUILD DEFENSE AND SECURITY  
5 CAPACITY OF ALLIES AND PARTNER NATIONS.—The ac-  
6 tivities to build the defense and security capacity of allies  
7 and partner nations in the Asia-Pacific region described  
8 in subsection (b)(5) may include activities under the au-  
9 thorities of the Department of Defense as follows:

10 (1) Section 2282 of title 10, United States  
11 Code, or section 333 of such title (its successor sec-  
12 tion), relating to authority to build the capacity of  
13 foreign security forces.

14 (2) Section 332 of title 10, United States Code,  
15 relating to defense institution capacity building for  
16 friendly foreign countries and international and re-  
17 gional organizations.

18 (3) Section 1263 of the National Defense Au-  
19 thorization Act for Fiscal Year 2016 (10 U.S.C.  
20 2282 note), relating to the Southeast Asia Maritime  
21 Security Initiative.

22 (4) Section 1206 of the Carl Levin and Howard  
23 P. “Buck” McKeon National Defense Authorization  
24 Act for Fiscal Year 2015 (10 U.S.C. 2282 note), re-  
25 lating to training of security forces and associated

1 ministries of foreign countries to promote respect for  
2 the rule of law and human rights.

3 (5) Any other authority available to the Sec-  
4 retary of Defense for the purpose of building the de-  
5 fense and security capacity of allies and partner na-  
6 tions in the Asia-Pacific region.

7 (d) TRANSFER REQUIREMENTS.—

8 (1) USE OF FUNDS ONLY PURSUANT TO TRANS-  
9 FER.—Funds available for the Asia-Pacific Stability  
10 Initiative may be used for activities described in sub-  
11 sections (b) and (c) only pursuant to a transfer of  
12 such funds to or among either or both of the fol-  
13 lowing accounts of the Department of Defense:

14 (A) Military personnel accounts.

15 (B) Operation and maintenance accounts.

16 (2) EFFECT ON AUTHORIZATION AMOUNTS.—

17 The transfer of an amount available for the Asia-Pa-  
18 cific Stability Initiative to an account under the au-  
19 thority provided by paragraph (1) in a fiscal year  
20 shall be deemed to increase the amount authorized  
21 for such account for such fiscal year by an amount  
22 equal to the amount transferred.

23 (3) CONSTRUCTION WITH OTHER TRANSFER  
24 AUTHORITY.—The transfer authority provided by  
25 paragraph (1) is in addition to any other transfer

1 authority available to the Department of Defense by  
2 law.

3 (e) NOTIFICATION REQUIREMENTS.—Not later than  
4 15 days before that date on which a transfer of funds  
5 under subsection (d) takes effect, the Secretary of Defense  
6 shall notify the Committees on Armed Services of the Sen-  
7 ate and the House of Representatives in writing of the  
8 transfer. Each notice of a transfer of funds shall include  
9 the following:

10 (1) A detailed description of the project or ac-  
11 tivity to be supported by the transfer of funds, in-  
12 cluding any request of the Commander of the United  
13 States Pacific Command for support, urgent oper-  
14 ational need, or emergent operational need to be sat-  
15 isfied by the project or activity.

16 (2) The amount to be transferred and expended  
17 on the project or activity.

18 (3) A timeline for expenditure of the trans-  
19 ferred funds.

20 (f) FUNDING.—Amounts for the Asia- Pacific Sta-  
21 bility Initiative shall be derived from amounts authorized  
22 to be appropriated for fiscal year 2018 for the Department  
23 of Defense for operation and maintenance by section 301  
24 and available for the Asia-Pacific Stability Initiative as  
25 specified in the funding table in section 4301.

1 (g) DURATION OF TRANSFER AUTHORITY.—The au-  
2 thority in subsection (d) to transfer funds expires Sep-  
3 tember 30, 2019.

4 (h) ASIA-PACIFIC REGION DEFINED.—In this sec-  
5 tion, the term “Asia-Pacific region” means the region that  
6 falls under the responsibility and jurisdiction of United  
7 States Pacific Command.

8 **SEC. 1262. EXPANSION OF MILITARY-TO-MILITARY ENGAGE-**  
9 **MENT WITH THE GOVERNMENT OF BURMA.**

10 Section 1253(a) of the Carl Levin and Howard P.  
11 “Buck” McKeon National Defense Authorization Act for  
12 Fiscal Year 2015 (Public Law 113–291; 128 Stat. 3571;  
13 22 U.S.C. 2151 note) is amended by adding at the end  
14 the following new paragraphs:

15 “(6) Courses or workshops to improve the Bur-  
16 mese military’s—

17 “(A) understanding of regional and global  
18 security issues; and

19 “(B) ability to adhere to international  
20 training standards.

21 “(7) Consultation, education, and training on  
22 maritime domain awareness.

23 “(8) Consultation, education, and training on  
24 peacekeeping operations.

1           “(9) Courses or workshops on combating illegal  
2           trafficking and migration.”.

3   **SEC. 1263. AGREEMENT SUPPLEMENTAL TO COMPACT OF**  
4                           **FREE ASSOCIATION WITH PALAU.**

5           (a) APPROVAL OF AGREEMENT SUPPLEMENTAL TO  
6   COMPACT.—The Compact Review Agreement and appen-  
7   dices signed by the United States and the Republic of  
8   Palau on September 3, 2010, in connection with section  
9   432 of the Compact of Free Association with Palau (Pub-  
10   lic Law 99–658; 48 U.S.C. 1931 note), with the funding  
11   schedule therein to be modified by the parties to the  
12   Agreement as necessary and appropriate, are approved  
13   (hereinafter the “Agreement”).

14          (b) STATUS OF PRIOR YEAR PAYMENTS.—Amounts  
15   provided to the Government of Palau by the Government  
16   of the United States in fiscal years 2011 through 2017  
17   shall also be considered as funding to implement the  
18   Agreement.

19          (c) EXTENSION OF EFFECTIVE DATE.—Section  
20   105(f)(1)(B)(ix) of the Compact of Free Association  
21   Amendments Act of 2003 (48 U.S.C. 1921d(f)(1)(B)(ix))  
22   is amended by striking “2009” and inserting “2024”.

1 **SEC. 1264. WORKFORCE ISSUES FOR RELOCATION OF MA-**  
2 **RINES TO GUAM.**

3 (a) AMENDMENTS TO THE MILITARY CONSTRUCTION  
4 AUTHORIZATION ACT FOR FISCAL YEAR 2009.—Sub-  
5 section 2824(c)(6)(D) of the Military Construction Au-  
6 thorization Act for Fiscal Year 2009 (division B of Public  
7 Law 110–417; 10 U.S.C. 2687 note) is amended—

8 (1) by inserting “and the Secretary of Veterans  
9 Affairs” after “the Secretary of Labor” each place  
10 it appears; and

11 (2) in the last sentence, by striking “deter-  
12 mines” and inserting “determine”.

13 (b) AMENDMENT TO JOINT RESOLUTION APPROVING  
14 THE COVENANT ESTABLISHING COMMONWEALTH OF THE  
15 NORTHERN MARIANA ISLANDS.—Section 6(b) of the Joint  
16 Resolution entitled “A Joint Resolution to approve the  
17 ‘Covenant To Establish a Commonwealth of the Northern  
18 Mariana Islands in Political Union With the United States  
19 of America’, and for other purposes”, approved March 24,  
20 1976 (48 U.S.C. 1806(b)) is amended to read as follows:

21 “(b) NUMERICAL LIMITATIONS FOR NONIMMIGRANT  
22 WORKERS.—

23 “(1) IN GENERAL.—An alien, if otherwise quali-  
24 fied, may, before December 31, 2023, seek admis-  
25 sion to Guam as a nonimmigrant worker under sec-  
26 tion 101(a)(15)(H) of the Immigration and Nation-

1 ality Act (8 U.S.C. 1101(a)(15)(H)) without count-  
2 ing against the numerical limitations set forth in  
3 section 214(g) of such Act (8 U.S.C. 1184(g)). The  
4 numerical limitation of such aliens may not exceed  
5 4,000 for any fiscal year. An alien, if otherwise  
6 qualified, may, before December 31, 2023, be admit-  
7 ted under section 101(a)(15)(H)(ii)(b) of such Act  
8 for a period of up to 3 years to perform services or  
9 labor on Guam pursuant to any agreement entered  
10 into by a prime contractor or subcontractor calling  
11 for services or labor required for performance of the  
12 contract or subcontract in direct support of all mili-  
13 tary-funded construction, repairs, renovation, and  
14 facilities services necessary to enable the Marine  
15 Corps realignment in the Pacific, notwithstanding  
16 the requirement of such section that the service or  
17 labor be temporary. This subsection does not apply  
18 to any employment to be performed outside of Guam  
19 or the Commonwealth.

20 “(2) APPLICABILITY OF CERTAIN REQUIRE-  
21 MENTS.—The requirements of section 2824(c) of the  
22 Military Construction Act for Fiscal Year 2009 (di-  
23 vision B of Public Law 110-417; 10 U.S.C. note)  
24 shall apply to this subsection.”.

1 (c) EFFECTIVE DATE.—The amendment made by  
2 subsection (b) shall take effect on the date that is 120  
3 days after the date of enactment of this Act.

4 **SEC. 1265. UNITED STATES POLICY WITH RESPECT TO**  
5 **FREEDOM OF NAVIGATION OPERATIONS AND**  
6 **OVERFLIGHT BEYOND THE TERRITORIAL**  
7 **SEAS.**

8 (a) FINDINGS.—Congress makes the following find-  
9 ings:

10 (1) Since the Declaration of Independence in  
11 1776, which was inspired in part as a response to  
12 a “tyrant” who “plundered our seas, ravaged our  
13 Coasts” and who wrote laws “for cutting off our  
14 Trade with all parts of the world”, freedom of seas  
15 and promotion of international commerce have been  
16 core security interests of the United States.

17 (2) Article I, section 8 of the Constitution of  
18 the United States establishes enumerated powers for  
19 Congress, which include regulating commerce with  
20 foreign nations, punishing piracies and felonies com-  
21 mitted on the high seas and offenses against the law  
22 of nations, and providing and maintaining a Navy.

23 (3) For centuries, the United States has main-  
24 tained a commitment to ensuring the right to free-

1 dom of navigation for all law-abiding parties in every  
2 region of the world.

3 (4) In support of international law, the long-  
4 standing United States commitment to freedom of  
5 navigation and ensuring the free access to sea lanes  
6 to promote global commerce remains a core security  
7 interest of the United States.

8 (5) This is particularly true in areas of the  
9 world that are critical transportation corridors and  
10 key routes for global commerce, such as the South  
11 China Sea and the East China Sea, through which  
12 a significant portion of global commerce transits.

13 (6) The consistent exercise of freedom of navi-  
14 gation operations and overflights by United States  
15 naval and air forces throughout the world plays a  
16 critical role in safeguarding the freedom of the seas  
17 for all lawful nations, supporting international law,  
18 and ensuring the continued safe passage and pro-  
19 motion of global commerce and trade.

20 (b) DECLARATION OF POLICY.—It is the policy of the  
21 United States to fly, sail, and operate throughout the  
22 oceans, seas, and airspace of the world wherever inter-  
23 national law allows.

1 (c) IMPLEMENTATION OF POLICY.—In furtherance of  
2 the policy set forth in subsection (b), the Secretary of De-  
3 fense shall—

4 (1) plan and execute a robust series of routine  
5 and regular naval presence missions and freedom of  
6 navigation operations (FONOPs) throughout the  
7 world, including for critical transportation corridors  
8 and key routes for global commerce;

9 (2) execute, in such critical transportation cor-  
10 ridors, routine and regular naval presence missions  
11 and maritime freedom of navigation operations  
12 throughout the year;

13 (3) in addition to the operations executed pur-  
14 suant to paragraph (2), execute routine and regular  
15 maritime freedom of navigation operations through-  
16 out the year, in accordance with international law,  
17 including the use of expanded military options and  
18 maneuvers beyond innocent passage; and

19 (4) to the maximum extent practicable, execute  
20 freedom of navigation operations pursuant to this  
21 subsection with regional partner countries and allies  
22 of the United States.

23 **SEC. 1266. SENSE OF CONGRESS ON THE IMPORTANCE OF**  
24 **THE RULE OF LAW IN THE SOUTH CHINA SEA.**

25 It is the sense of Congress that—

1           (1) the South China Sea is a vitally important  
2           waterway for global commerce and for regional secu-  
3           rity, with almost 30 percent of the maritime trade  
4           of the world transiting the South China Sea annu-  
5           ally;

6           (2) the People’s Republic of China is under-  
7           mining regional security and prosperity and chal-  
8           lenging international rules and norms by engaging in  
9           coercive activities and attempting to limit lawful for-  
10          eign operations in the South China Sea;

11          (3) a tribunal determined “that China had vio-  
12          lated the Philippines’ sovereign rights in its exclusive  
13          economic zone by (a) interfering with Philippine  
14          fishing and petroleum exploration, (b) constructing  
15          artificial islands and (c) failing to prevent Chinese  
16          fishermen from fishing in the zone,” and that “Chi-  
17          nese law enforcement vessels had unlawfully created  
18          a serious risk of collision when they physically ob-  
19          structed Philippine vessels”;

20          (4) the arbitral tribunal award of July 2016  
21          stated that there is “no legal basis for China to  
22          claim historic rights to resources within the sea  
23          areas falling within the nine-dash line”; and

24          (5) the United States should play a vital role in  
25          securing the South China Sea and ensuring freedom

1 of navigation and overflight for all countries by un-  
2 dertaking freedom of navigation operations on a reg-  
3 ular and consistent basis, as well as maintaining  
4 persistent presence operations in the region.

5 **SEC. 1267. SENSE OF CONGRESS ON THE IMPORTANCE OF**  
6 **THE RELATIONSHIP BETWEEN THE UNITED**  
7 **STATES AND JAPAN.**

8 It is the sense of Congress that—

9 (1) the United States and Japan are indispen-  
10 sable partners in tackling global challenges, and  
11 have pledged significant support for efforts to  
12 counter violent extremism (including the threat of  
13 the Islamic State), combat the proliferation of weap-  
14 ons of mass destruction, prevent piracy, and assist  
15 the victims of conflict and disaster worldwide;

16 (2) the security alliance between the United  
17 States and Japan has evolved considerably over  
18 many decades and will continue to transform as a  
19 partnership, sharing greater responsibilities, dedi-  
20 cated to ensuring a secure and prosperous Asia-Pa-  
21 cific region and world;

22 (3) the alliance between the United States and  
23 Japan is essential for ensuring maritime security  
24 and freedom of navigation, commerce, and overflight  
25 in the waters of the East China Sea;

1           (4) Japan, a cornerstone of peace in the Asia-  
2 Pacific region, stands as a strong partner of the  
3 United States in efforts to uphold respect for the  
4 rule of law and to oppose the use of coercion, intimi-  
5 dation, or force to change the regional or global sta-  
6 tus quo, including in the East China Sea and the  
7 South China Sea, which are among the busiest wa-  
8 terways in the world;

9           (5) the United States and Japan are committed  
10 to working together towards a world in which the  
11 Democratic People's Republic of Korea (DPRK)  
12 does not threaten global peace and security with its  
13 weapons of mass destruction and illicit activities,  
14 and in which it respects human rights and its people  
15 can live in freedom;

16           (6) the alliance between the United States and  
17 Japan should be strengthened to maintain peace and  
18 stability in the Asia-Pacific region and beyond, to  
19 confront emerging challenges, and to safeguard mar-  
20 itime security and ensure freedom of navigation,  
21 commerce, and overflight in the East China Sea and  
22 the South China Sea;

23           (7) although the United States Government  
24 does not take a position on sovereignty of the  
25 Senkaku Islands, the United States acknowledges

1 that the islands are under the administration of  
2 Japan and opposes any unilateral actions that would  
3 seek to undermine their administration by Japan;  
4 and

5 (8) the unilateral actions of a third party will  
6 not affect the United States acknowledgment of the  
7 administration of Japan over the Senkaku Islands,  
8 and the United States remains committed under the  
9 Treaty of Mutual Cooperation and Security with  
10 Japan to respond to any armed attack in the terri-  
11 tories under the administration of Japan.

12 **SEC. 1268. SENSE OF CONGRESS ON THE IMPORTANCE OF**  
13 **THE UNITED STATES ALLIANCE WITH THE**  
14 **REPUBLIC OF KOREA.**

15 (a) FINDINGS.—Congress makes the following find-  
16 ings:

17 (1) The Government of North Korea has re-  
18 peatedly violated its commitments to the complete,  
19 verifiable, and irreversible dismantlement of its nu-  
20 clear weapons programs.

21 (2) Based on its past actions, including the  
22 transfer of sensitive nuclear and missile technology  
23 to state sponsors of terrorism, North Korea poses a  
24 grave risk for the proliferation of nuclear weapons  
25 and other weapons of mass destruction.

1 (3) North Korea has—

2 (A) unilaterally withdrawn from the Ko-  
3 rean War Armistice Agreement, done at Pan-  
4 munjom, Korea, July 27, 1953; and

5 (B) committed provocations against South  
6 Korea—

7 (i) by sinking the warship Cheonan  
8 and killing 46 of her crew on March 26,  
9 2010;

10 (ii) by shelling Yeonpyeong Island and  
11 killing 4 South Korea civilians on Novem-  
12 ber 23, 2010; and

13 (iii) by its involvement in the  
14 “DarkSeoul” cyberattacks against the fi-  
15 nancial and communications interests of  
16 the Republic of Korea on March 20, 2013.

17 (4) North Korea maintains a system of brutal  
18 political prison camps that contain as many as  
19 200,000 men, women, and children, who are—

20 (A) kept in atrocious living conditions with  
21 insufficient food, clothing, and medical care;  
22 and

23 (B) under constant fear of rape, torture,  
24 or arbitrary execution.

1           (5) The Government of North Korea has pro-  
2           vided technical support and conducted destructive  
3           and coercive cyberattacks including against Sony  
4           Pictures Entertainment and other United States  
5           persons.

6           (6) The conduct of the Government of North  
7           Korea poses an imminent threat to—

8                   (A) the security of the United States and  
9                   its allies;

10                   (B) the global economy;

11                   (C) the safety of members of the United  
12                   States Armed Forces;

13                   (D) the integrity of the global financial  
14                   system;

15                   (E) the integrity of global nonproliferation  
16                   programs; and

17                   (F) the people of North Korea.

18           (b) SENSE OF CONGRESS.—It is the sense of Con-  
19           gress that, in order to achieve the peaceful disarmament  
20           of North Korea, the United States should—

21                   (1) reaffirm the commitment of the United  
22                   States to defending our allies in the region, includ-  
23                   ing through the deployment of a Terminal High Alti-  
24                   tude Area Defense (THAAD) battery to the Repub-  
25                   lic of Korea, and the commitment to provide ex-

1 tended deterrence, guaranteed by the full spectrum  
2 of United States defense capabilities, including con-  
3 ventional capabilities, missile defense, and the nu-  
4 clear umbrella;

5 (2) support ongoing efforts to strengthen the  
6 alliance between the United States and the Republic  
7 of Korea alliance, to protect the 28,500 members of  
8 the United States Armed Forces stationed on the  
9 Korean Peninsula, and to defend the alliance against  
10 any and all provocations committed by the North  
11 Korea regime; and

12 (3) support efforts to deepen trilateral coordi-  
13 nation and cooperation between the United States,  
14 the Republic of Korea, and Japan, to address the  
15 grave and growing threat of the ballistic missiles and  
16 nuclear weapons programs of North Korea.

17 **SEC. 1269. SENSE OF CONGRESS ON EXTENDED DETER-**  
18 **RENCE FOR THE KOREAN PENINSULA AND**  
19 **JAPAN.**

20 It is the sense of Congress that—

21 (1) the nuclear and missile program of North  
22 Korea is one of the most dangerous national security  
23 threats facing the United States today; and

24 (2) given the threat posed by North Korea to  
25 our allies, the Republic of Korea and Japan, the Nu-

1 clear Posture Review that will occur this year should  
2 fully consider the perspectives of key allies and part-  
3 ners of the United States in East Asia, including the  
4 Republic of Korea and Japan.

5 **SEC. 1270. DEFENSE PARTNERSHIP BETWEEN THE UNITED**  
6 **STATES AND TAIWAN.**

7 (a) SENSE OF CONGRESS.—It is the sense of Con-  
8 gress that United States should strengthen and enhance  
9 its long-standing partnership and strategic cooperation  
10 with Taiwan, and reinforce its commitment to the Taiwan  
11 Relations Act and the “Six Assurances” as both countries  
12 work toward mutual security objectives, by—

13 (1) conducting regular transfers of defense arti-  
14 cles and defense services necessary to enable Taiwan  
15 to secure common interests and objectives with the  
16 United States, based solely on the needs of Taiwan;

17 (2) assisting Taiwan in building an effective air  
18 defense capability consisting of a balance of fighters  
19 and mobile air defense systems; and

20 (3) inviting Taiwan to participate in multilat-  
21 eral training activities hosted by the United States  
22 that increase the credible deterrent capabilities of  
23 Taiwan.

24 (b) REPORT ON NAVAL PORT OF CALL EXCHANGES  
25 BETWEEN THE UNITED STATES AND TAIWAN.—

1           (1) REPORT REQUIRED.—Not later than Sep-  
2           tember 1, 2018, the Secretary of Defense shall sub-  
3           mit to the appropriate committees of Congress a re-  
4           port on the following:

5                   (A) An assessment and planning regarding  
6                   ports of call by the United States Navy at  
7                   Kaohsiung, or any other suitable port or ports  
8                   on the island of Taiwan.

9                   (B) An assessment of the feasibility and  
10                  advisability of permitting the United States Pa-  
11                  cific Command (PACOM) to receive ports of  
12                  call by the navy of Taiwan in Hawaii, Guam,  
13                  and other appropriate locations.

14           (2) FORM.—The report required by paragraph  
15           (1) shall be submitted in unclassified form, but may  
16           include a classified annex.

17           (3) APPROPRIATE COMMITTEES OF CONGRESS  
18           DEFINED.—In this subsection, the term “appro-  
19           priate committees of Congress” means—

20                   (A) the Committee on Armed Services and  
21                   the Committee on Foreign Relations of the Sen-  
22                   ate; and

23                   (B) the Committee on Armed Services and  
24                   the Committee on Foreign Affairs of the House  
25                   of Representatives.

1 **SEC. 1270A. NAVAL PORT OF CALL EXCHANGES BETWEEN**  
2 **THE UNITED STATES AND TAIWAN.**

3 The Secretary of Defense shall—

4 (1) reestablish regular ports of call by the  
5 United States Navy at Kaohsiung or any other suit-  
6 able port or ports on the island of Taiwan; and

7 (2) permit the United States Pacific Command  
8 (PACOM) to receive ports of call by the navy of Tai-  
9 wan in Hawaii, Guam, and other appropriate loca-  
10 tions.

11 **SEC. 1270B. PROGRAM TO ENHANCE THE UNDERSEA WAR-**  
12 **FARE CAPABILITIES OF TAIWAN.**

13 The Secretary of Defense shall implement a program  
14 of technical assistance and consultation to support the ef-  
15 forts of Taiwan to develop indigenous undersea warfare  
16 capabilities, including vehicles and sea mines, for its mili-  
17 tary forces.

18 **SEC. 1270C. INVITATION OF TAIWAN MILITARY FORCES TO**  
19 **PARTICIPATE IN JOINT MILITARY EXER-**  
20 **CISES.**

21 The Secretary of Defense shall invite the military  
22 forces of Taiwan to participate in one of the military exer-  
23 cises known as the “Red Flag” exercises, conducted at  
24 Eielson Air Force Base, Alaska, and Nellis Air Force  
25 Base, Nevada, that are conducted during the one-year pe-  
26 riod beginning on the date of the enactment of this Act.

1 **SEC. 1270D. REPORT ON MILITARY EXCHANGES BETWEEN**  
2 **SENIOR OFFICERS AND OFFICIALS OF THE**  
3 **UNITED STATES AND TAIWAN.**

4 Not later than April 1, 2018, the Secretary of De-  
5 fense shall submit to the congressional defense committees  
6 a report that includes the following:

7 (1) A list of actions taken to implement the rec-  
8 ommendations contained in section 1284 of the Na-  
9 tional Defense Authorization Act for Fiscal Year  
10 2017 (Public Law 114–328; 130 Stat. 2544).

11 (2) A description of future plans to implement  
12 the recommendations contained in section 1284 of  
13 the National Defense Authorization Act for Fiscal  
14 Year 2017.

15 (3) If no actions have been taken to implement  
16 the recommendations contained in section 1284 of  
17 the National Defense Authorization Act for Fiscal  
18 Year 2017 or there are no future plans to implement  
19 the recommendations, the reasons why.

20 **Subtitle F—Reports**

21 **SEC. 1271. SUBMITTAL OF DEPARTMENT OF DEFENSE SUP-**  
22 **PLEMENTAL AND COST OF WAR EXECUTION**  
23 **REPORTS ON QUARTERLY BASIS.**

24 Subsection (c) of section 1212 of the National De-  
25 fense Authorization Act for Fiscal Year 2006 (10 U.S.C.  
26 113 note) is amended to read as follows:

1       “(c) QUARTERLY SUBMITTAL TO CONGRESS AND  
2 GAO OF CERTAIN REPORTS ON COSTS.—Not later than  
3 45 days after the end of each fiscal year quarter, the Sec-  
4 retary of Defense shall submit to the congressional defense  
5 committees and the Comptroller General of the United  
6 States the Department of Defense Supplemental and Cost  
7 of War Execution report for such fiscal year quarter.”.

8 **SEC. 1272. CONSOLIDATION OF REPORTS ON UNITED**  
9                   **STATES ARMED FORCES, CIVILIAN EMPLOY-**  
10                   **EES, AND CONTRACTORS DEPLOYED IN SUP-**  
11                   **PORT OF OPERATION INHERENT RESOLVE**  
12                   **AND OPERATION FREEDOM’S SENTINEL.**

13       (a) REPORTS REQUIRED.—Not later than 30 days  
14 after the date of the enactment of this Act, and every 90  
15 days thereafter, the Secretary of Defense shall submit to  
16 the congressional defense committees a report on United  
17 States Armed Forces, Department of Defense civilian em-  
18 ployees, and Department of Defense contractor employees  
19 deployed in support of Operation Inherent Resolve and  
20 Operation Freedom’s Sentinel.

21       (b) ELEMENTS.—Each report under subsection (a)  
22 shall include the following:

23               (1) The total number of members of the United  
24 States Armed Forces, set forth by Armed Force and  
25 component (whether regular, National Guard, or Re-

1       serve), Department of Defense civilian employees,  
2       and Department of Defense contractor employees  
3       deployed in support of Operation Inherent Resolve  
4       and Operation Freedom's Sentinel for the most re-  
5       cent month for which data is available.

6           (2) An estimate for the 3-month period fol-  
7       lowing the date on which the report is submitted of  
8       the total number of members of the United States  
9       Armed Forces, set forth by Armed Force and com-  
10      ponent (whether regular, National Guard, or Re-  
11      serve), Department civilian employees, and Depart-  
12      ment contractor employees to be deployed in support  
13      of Operation Inherent Resolve and Operation Free-  
14      dom's Sentinel.

15          (3) A description of any limitations on the  
16      number of United States Armed Forces, Department  
17      civilian employees, and Department contractor em-  
18      ployees deployed in support of Operation Inherent  
19      Resolve and Operation Freedom's Sentinel.

20          (4) A description of military functions that are  
21      and are not subject to the limitations described in  
22      paragraph (3).

23          (5) The total number of members of the United  
24      States Armed Forces, set forth by Armed Force and  
25      component (whether regular, National Guard, or Re-

1       serve), Department civilian employees, and Depart-  
2       ment contractor employees deployed in support of  
3       Operation Inherent Resolve or Operation Freedom’s  
4       Sentinel that are not subject to the limitations de-  
5       scribed in paragraph (3) for the most recent month  
6       for which data is available.

7               (6) Any changes to the limitations described in  
8       paragraph (3), and the rationale for such changes.

9               (7) Any other matters the Secretary considers  
10      appropriate.

11      (c) FORM.—If any report under subsection (a) is sub-  
12      mitted in classified form, such report shall be accompanied  
13      by an unclassified summary that includes, at a minimum,  
14      the information required by subsection (b)(1).

15      (d) SUNSET.—The requirement to submit reports  
16      under this section shall terminate on the earlier of—

17               (1) the date on which Operation Inherent Re-  
18      solve and Operation Freedom’s Sentinel terminate,  
19      whichever is later; or

20               (2) the date that is five years after the date of  
21      the enactment of this Act.

22      (e) REPEAL OF SUPERSEDED PROVISION.—Section  
23      1224 of the National Defense Authorization Act for Fiscal  
24      Year 2016 (Public Law 114–92; 129 Stat. 1053) is re-  
25      pealed.

## 1                   **Subtitle G—Other Matters**

### 2   **SEC. 1281. MODIFICATION OF AVAILABILITY OF FUNDS IN** 3                   **SPECIAL DEFENSE ACQUISITION FUND FOR** 4                   **PRECISION GUIDED MUNITIONS.**

5           (a) IN GENERAL.—Section 114(c)(3) of title 10,  
6 United States Code, is amended—

7                   (1) by striking “amount available” and all that  
8 follows through “\$500,000,000” and inserting  
9 “amount of obligation authority available from the  
10 Special Defense Acquisition Fund in any fiscal year  
11 after fiscal year 2017, 20 percent”; and

12                   (2) by inserting after “precision guided muni-  
13 tions” the following: “, and associated support  
14 equipment and services,”.

15           (b) EFFECTIVE DATE.—The amendments made by  
16 subsection (a) shall take effect on October 1, 2017.

### 17   **SEC. 1282. USE OF FUNDS IN THE UNITED STATES FOR CER-** 18                   **TAIN UNITED STATES-ISRAEL ANTI-TUNNEL** 19                   **COOPERATION ACTIVITIES.**

20           (a) IN GENERAL.—Section 1279(b) of the National  
21 Defense Authorization Act for Fiscal Year 2016 (22  
22 U.S.C. 8606(b)) is amended by adding at the end the fol-  
23 lowing new paragraph:

24                   “(5) USE OF CERTAIN AMOUNT FOR RDT&E IN  
25 US.—Of the amount provided by the United States

1 in support under paragraph (1), not less than 50  
2 percent of such amount shall be used for research,  
3 development, test, and evaluation activities in the  
4 United States in connection with such support.”.

5 (b) REPEAL OF SUPERSEDED LIMITATION.—Section  
6 1295 of the National Defense Authorization Act for Fiscal  
7 Year 2017 (Public Law 114–328; 130 Stat. 2562) is  
8 amended by striking subsection (c).

9 **SEC. 1283. FOREIGN MILITARY SALES LETTERS OF RE-**  
10 **QUEST FOR PRICING AND AVAILABILITY.**

11 Before delivering a formal pricing and availability re-  
12 sponse to a foreign customer with respect to a foreign mili-  
13 tary sale, the Department of Defense implementing agen-  
14 cy shall consult with relevant United States commercial  
15 entities that would be involved in the foreign military sale  
16 case. If as a result of such consultation a commercial enti-  
17 ty determines that the pricing and availability factors  
18 being developed by the implementing agency are not accu-  
19 rate, the implementing agency and the commercial entity  
20 shall each provide a justification with respect to the dif-  
21 ferences to the Defense Security Cooperation Agency with-  
22 in 30 days of the implementing agency being notified of  
23 such discrepancy.

1 **SEC. 1284. SENSE OF CONGRESS ON REAFFIRMING STRA-**  
2 **TEGIC PARTNERSHIPS AND ALLIES.**

3 (a) FINDINGS.—Congress makes the following find-  
4 ings:

5 (1) Since World War II, the United States has  
6 sought partnership and cooperation in establishing a  
7 rules-based international order which has resulted in  
8 one of the most prosperous periods of human his-  
9 tory.

10 (2) The United States is signatory to seven mu-  
11 tual defense treaties with 56 different countries.

12 (3) One of the United States defense alliances  
13 is the 29-nation-strong North Atlantic Treaty Orga-  
14 nization (NATO) which is celebrating its 68th anni-  
15 versary.

16 (4) The United States has not faced a more di-  
17 verse and complex array of crises and threats, in-  
18 cluding the emergence of competitors like Russia  
19 and China, increasingly unstable threats from North  
20 Korea and Iran, and the continued threat from  
21 transnational violent extremist groups like the Is-  
22 lamic State and al-Qaeda.

23 (5) The strain of a decreased military budget  
24 has decreased capability at precisely the time when  
25 demand for United States military strength has in-  
26 creased.

1           (6) Fifteen years of continuous war has stymied  
2 military modernization, focused training on asym-  
3 metrical warfare over large-scale conflicts.

4           (7) Secretary of Defense James Mattis stated  
5 that “alliances provide avenues for peace, fostering  
6 the conditions for economic growth with countries  
7 that share the same vision, while tempering the  
8 plans of those who would attack other nations or try  
9 to impose their will over the less powerful”.

10       (b) SENSE OF CONGRESS.—It is the sense of Con-  
11 gress that—

12           (1) the United States is an ally rich nation and  
13 our potential competitors—such as Russia, China,  
14 and North Korea—are ally poor;

15           (2) United States allies and partners are crit-  
16 ical to defending peace and prosperity throughout  
17 the world;

18           (3) the rules-based international order sup-  
19 ported by the United States and its allies has en-  
20 sured—and will continue to promote—an inter-  
21 national system that benefits all nations;

22           (4) throughout the world, the United States will  
23 continue to foster relationships with nations of like  
24 minds and beliefs;

1           (5) as the United States manages multiple stra-  
2           tegic challenges, our enduring strength remains in  
3           alliances such as the North Atlantic Treaty Organi-  
4           zation; and

5           (6) the United States will continue to deepen  
6           alliances and expand them, and will take no ally for  
7           granted.

8           **TITLE XIII—COOPERATIVE**  
9           **THREAT REDUCTION**

10       **SEC. 1301. SPECIFICATION OF COOPERATIVE THREAT RE-**  
11       **DUCTION FUNDS.**

12       (a) FISCAL YEAR 2018 COOPERATIVE THREAT RE-  
13       DUCTION FUNDS DEFINED.—In this title, the term “fiscal  
14       year 2018 Cooperative Threat Reduction funds” means  
15       the funds appropriated pursuant to the authorization of  
16       appropriations in section 301 and made available by the  
17       funding table in section 4301 for the Department of De-  
18       fense Cooperative Threat Reduction Program established  
19       under section 1321 of the Department of Defense Cooper-  
20       ative Threat Reduction Act (50 U.S.C. 3711).

21       (b) AVAILABILITY OF FUNDS.—Funds appropriated  
22       pursuant to the authorization of appropriations in section  
23       301 and made available by the funding table in section  
24       4301 for the Department of Defense Cooperative Threat

1 Reduction Program shall be available for obligation for fis-  
2 cal years 2018, 2019, and 2020.

3 **SEC. 1302. FUNDING ALLOCATIONS.**

4 Of the \$324,600,000 authorized to be appropriated  
5 to the Department of Defense for fiscal year 2018 in sec-  
6 tion 301 and made available by the funding table in sec-  
7 tion 4301 for the Department of Defense Cooperative  
8 Threat Reduction Program established under section 1321  
9 of the Department of Defense Cooperative Threat Reduc-  
10 tion Act (50 U.S.C. 3711), the following amounts may be  
11 obligated for the purposes specified:

12 (1) For strategic offensive arms elimination,  
13 \$12,100,000.

14 (2) For chemical weapons destruction,  
15 \$5,000,000.

16 (3) For global nuclear security, \$17,900,000.

17 (4) For cooperative biological engagement,  
18 \$172,800,000.

19 (5) For proliferation prevention, \$89,800,000.

20 (6) For activities designated as Other Assess-  
21 ments/Administrative Costs, \$27,000,000.

1                   **TITLE XIV—OTHER**  
2                   **AUTHORIZATIONS**  
3           **Subtitle A—Military Programs**

4   **SEC. 1401. WORKING CAPITAL FUNDS.**

5           Funds are hereby authorized to be appropriated for  
6 fiscal year 2018 for the use of the Armed Forces and other  
7 activities and agencies of the Department of Defense for  
8 providing capital for working capital and revolving funds,  
9 as specified in the funding table in section 4501.

10 **SEC. 1402. CHEMICAL AGENTS AND MUNITIONS DESTRUC-**  
11                   **TION, DEFENSE.**

12           (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds  
13 are hereby authorized to be appropriated for the Depart-  
14 ment of Defense for fiscal year 2018 for expenses, not oth-  
15 erwise provided for, for Chemical Agents and Munitions  
16 Destruction, Defense, as specified in the funding table in  
17 section 4501.

18           (b) **USE.**—Amounts authorized to be appropriated  
19 under subsection (a) are authorized for—

20                   (1) the destruction of lethal chemical agents  
21                   and munitions in accordance with section 1412 of  
22                   the Department of Defense Authorization Act, 1986  
23                   (50 U.S.C. 1521); and

1           (2) the destruction of chemical warfare materiel  
2           of the United States that is not covered by section  
3           1412 of such Act.

4 **SEC. 1403. DRUG INTERDICTION AND COUNTER-DRUG AC-**  
5 **TIVITIES, DEFENSE-WIDE.**

6           Funds are hereby authorized to be appropriated for  
7 the Department of Defense for fiscal year 2018 for ex-  
8 penses, not otherwise provided for, for Drug Interdiction  
9 and Counter-Drug Activities, Defense-wide, as specified in  
10 the funding table in section 4501.

11 **SEC. 1404. DEFENSE INSPECTOR GENERAL.**

12           Funds are hereby authorized to be appropriated for  
13 the Department of Defense for fiscal year 2018 for ex-  
14 penses, not otherwise provided for, for the Office of the  
15 Inspector General of the Department of Defense, as speci-  
16 fied in the funding table in section 4501.

17 **SEC. 1405. DEFENSE HEALTH PROGRAM.**

18           Funds are hereby authorized to be appropriated for  
19 fiscal year 2018 for the Defense Health Program, as spec-  
20 ified in the funding table in section 4501, for use of the  
21 Armed Forces and other activities and agencies of the De-  
22 partment of Defense in providing for the health of eligible  
23 beneficiaries.

1           **Subtitle B—National Defense**  
2                           **Stockpile**

3 **SEC. 1411. AUTHORITY TO DISPOSE OF CERTAIN MATE-**  
4                           **RIALS FROM AND TO ACQUIRE ADDITIONAL**  
5                           **MATERIALS FOR THE NATIONAL DEFENSE**  
6                           **STOCKPILE.**

7           (a) **DISPOSAL AUTHORITY.**—Pursuant to section 5(b)  
8 of the Strategic and Critical Materials Stock Piling Act  
9 (50 U.S.C. 98d(b)), the National Defense Stockpile Man-  
10 ager may dispose of not more than 25 short tons of mate-  
11 rials transferred from another department or agency of  
12 the United States to the National Defense Stockpile under  
13 section 4(b) of such Act (50 U.S.C. 98c(b)) that the Na-  
14 tional Defense Stockpile Manager determines is no longer  
15 required from the stockpile.

16           (b) **ACQUISITION AUTHORITY.**—

17                 (1) **AUTHORITY.**—Using funds available in the  
18 National Defense Stockpile Transaction Fund, the  
19 National Defense Stockpile Manager may acquire  
20 the following materials determined to be strategic  
21 and critical materials required to meet the defense,  
22 industrial, and essential civilian needs of the United  
23 States:

24                           (A) Electrolytic manganese metal.

25                           (B) Antimony.

1           (2) AMOUNT OF AUTHORITY.—The National  
2 Defense Stockpile Manager may use up to  
3 \$9,000,000 in the National Defense Stockpile  
4 Transaction Fund for acquisition of the materials  
5 specified in paragraph (1).

6           (3) FISCAL YEAR LIMITATION.—The authority  
7 under paragraph (1) is available for purchases dur-  
8 ing fiscal year 2018 through fiscal year 2027.

## 9                           **Subtitle C—Chemical** 10                           **Demilitarization Matters**

### 11 **SEC. 1421. ACQUISITION REPORTING ON MAJOR CHEMICAL** 12                           **DEMILITARIZATION PROGRAMS OF THE DE-** 13                           **PARTMENT OF DEFENSE.**

14           (a) REPORTING ON MAJOR PROGRAMS.—Acquisition  
15 reporting on each major program within the chemical de-  
16 militarization programs of the Department of Defense, in-  
17 cluding construction in connection with such program,  
18 shall—

19           (1) comply with reporting guidelines for an Ac-  
20 quisition Category 1 (ACAT 1) system; and

21           (2) be reported separately from acquisition re-  
22 porting on the other major program within the  
23 chemical demilitarization programs of the Depart-  
24 ment of Defense.

1 (b) MAJOR PROGRAM WITHIN THE CHEMICAL DE-  
2 MILITARIZATION PROGRAMS OF THE DEPARTMENT OF  
3 DEFENSE DEFINED.—In this section, the term “major  
4 program within the chemical demilitarization programs of  
5 the Department of Defense” means each program as fol-  
6 lows:

7 (1) Pueblo Chemical Agent Destruction Pilot  
8 Plant program, Colorado.

9 (2) Blue Grass Chemical Agent Destruction  
10 Pilot Plant program, Kentucky.

11 **Subtitle D—Armed Forces**  
12 **Retirement Home**

13 **SEC. 1431. AUTHORIZATION OF APPROPRIATIONS FOR**  
14 **ARMED FORCES RETIREMENT HOME.**

15 There is hereby authorized to be appropriated for fis-  
16 cal year 2018 from the Armed Forces Retirement Home  
17 Trust Fund the sum of \$64,300,000 for the operation of  
18 the Armed Forces Retirement Home.

19 **SEC. 1432. ARMED FORCES RETIREMENT HOME MATTERS.**

20 (a) TERMINATION OF OVERSIGHT RESPONSIBILITIES  
21 OF UNDER SECRETARY OF DEFENSE FOR PERSONNEL  
22 AND READINESS.—

23 (1) SENIOR MEDICAL ADVISOR.—Section 1513A  
24 of the Armed Forces Retirement Home Act of 1991  
25 (24 U.S.C. 413a) is amended—

1 (A) in subsection (b), by striking “the  
2 Under Secretary of Defense for Personnel and  
3 Readiness,” in the matter preceding paragraph  
4 (1); and

5 (B) in subsection (c)(4), by striking “the  
6 Under Secretary of Defense for Personnel and  
7 Readiness” and inserting “the Secretary of De-  
8 fense”.

9 (2) OMBUDSMEN.—Section 1517(e)(2) of such  
10 Act (24 U.S.C. 417(e)(2)) is amended by striking  
11 “the Under Secretary of Defense for Personnel and  
12 Readiness” and inserting “the Secretary of De-  
13 fense”.

14 (3) INSPECTIONS.—Section 1518 of such Act  
15 (24 U.S.C. 418) is amended—

16 (A) in subsection (c)(1), by striking “the  
17 Under Secretary of Defense for Personnel and  
18 Readiness,”; and

19 (B) in subsection (e)(1), by striking “the  
20 Under Secretary of Defense for Personnel and  
21 Readiness” and inserting “the Secretary of De-  
22 fense”.

23 (b) ADVISORY COUNCIL.—Section 1516 of such Act  
24 (24 U.S.C. 416) is amended—

1 (1) in subsection (c)(1), by striking “15 mem-  
2 bers,” and all that follows and inserting “15 mem-  
3 bers.”; and

4 (2) in subsection (f)(1), by striking “shall” and  
5 inserting “may”.

6 (c) ADMINISTRATORS.—Section 1517(b) of such Act  
7 (24 U.S.C. 417(b)) is amended—

8 (1) in paragraph (2), by striking “and” at the  
9 end;

10 (2) in paragraph (3), by striking the period at  
11 the end and inserting “; and”; and

12 (3) by adding at the end the following new  
13 paragraph:

14 “(4) serve at the pleasure of the Secretary of  
15 Defense.”.

## 16 **Subtitle E—Other Matters**

### 17 **SEC. 1441. AUTHORITY FOR TRANSFER OF FUNDS TO JOINT** 18 **DEPARTMENT OF DEFENSE-DEPARTMENT OF** 19 **VETERANS AFFAIRS MEDICAL FACILITY DEM-** 20 **ONSTRATION FUND FOR CAPTAIN JAMES A.** 21 **LOVELL HEALTH CARE CENTER, ILLINOIS.**

22 (a) AUTHORITY FOR TRANSFER OF FUNDS.—Of the  
23 funds authorized to be appropriated by section 1405 and  
24 available for the Defense Health Program for operation  
25 and maintenance, \$115,500,000 may be transferred by the

1 Secretary of Defense to the Joint Department of Defense—  
2 Department of Veterans Affairs Medical Facility Dem-  
3 onstration Fund established by subsection (a)(1) of sec-  
4 tion 1704 of the National Defense Authorization Act for  
5 Fiscal Year 2010 (Public Law 111–84; 123 Stat. 2571).  
6 For purposes of subsection (a)(2) of such section 1704,  
7 any funds so transferred shall be treated as amounts au-  
8 thorized and appropriated specifically for the purpose of  
9 such a transfer.

10 (b) USE OF TRANSFERRED FUNDS.—For the pur-  
11 poses of subsection (b) of such section 1704, facility oper-  
12 ations for which funds transferred under subsection (a)  
13 may be used are operations of the Captain James A.  
14 Lovell Federal Health Care Center, consisting of the  
15 North Chicago Veterans Affairs Medical Center, the Navy  
16 Ambulatory Care Center, and supporting facilities des-  
17 igned as a combined Federal medical facility under an  
18 operational agreement covered by section 706 of the Dun-  
19 can Hunter National Defense Authorization Act for Fiscal  
20 Year 2009 (Public Law 110–417; 122 Stat. 4500).

21 **SEC. 1442. ENHANCEMENT OF DATABASE OF EMERGENCY**  
22 **RESPONSE CAPABILITIES OF THE DEPART-**  
23 **MENT OF DEFENSE.**

24 (a) IN GENERAL.—Section 1406 of the John Warner  
25 National Defense Authorization Act for Fiscal Year 2007

1 (Public Law 109–364; 120 Stat. 2436; 10 U.S.C. 113  
2 note) is amended—

3 (1) by striking “The Secretary of Defense shall  
4 maintain” and inserting the following:

5 “(a) IN GENERAL.—The Secretary of Defense shall  
6 establish and maintain”; and

7 (2) in paragraph (2)—

8 (A) by inserting “(including cyber capabili-  
9 ties)” after “emergency response capabilities”;  
10 and

11 (B) by inserting “(including units of the  
12 National Guard and Reserves)” after “identi-  
13 fication of the units”.

14 (b) INFORMATION REQUIRED TO KEEP DATABASE  
15 CURRENT.—Such section is further amended by adding  
16 at the end the following new subsection:

17 “(b) INFORMATION REQUIRED TO KEEP DATABASE  
18 CURRENT.—In implementing and maintaining the data-  
19 base required by subsection (a), the Secretary shall iden-  
20 tify and revise the information required to be included in  
21 the database at least once every two years for purposes  
22 of keeping the database current.”.

1 **TITLE XV—AUTHORIZATION OF**  
2 **ADDITIONAL APPROPRIA-**  
3 **TIONS FOR OVERSEAS CON-**  
4 **TINGENCY OPERATIONS**  
5 **Subtitle A—Authorization of**  
6 **Appropriations**

7 **SEC. 1501. PURPOSE.**

8       The purpose of this subtitle is to authorize appropria-  
9 tions for the Department of Defense for fiscal year 2018  
10 to provide additional funds for overseas contingency oper-  
11 ations being carried out by the Armed Forces.

12 **SEC. 1502. OVERSEAS CONTINGENCY OPERATIONS.**

13       Funds are hereby authorized to be appropriated for  
14 fiscal year 2018 for the Department of Defense for over-  
15 seas contingency operations in such amounts as may be  
16 designated as provided in section 251(b)(2)(A)(ii) of the  
17 Balanced Budget and Emergency Deficit Control Act of  
18 1985.

19 **SEC. 1503. PROCUREMENT.**

20       Funds are hereby authorized to be appropriated for  
21 fiscal year 2018 for procurement accounts for the Army,  
22 the Navy and the Marine Corps, the Air Force, and De-  
23 fense-wide activities, as specified in the funding table in  
24 section 4102.

1 **SEC. 1504. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
2 **TION.**

3 Funds are hereby authorized to be appropriated for  
4 fiscal year 2018 for the use of the Department of Defense  
5 for research, development, test, and evaluation, as speci-  
6 fied in the funding table in section 4202.

7 **SEC. 1505. OPERATION AND MAINTENANCE.**

8 Funds are hereby authorized to be appropriated for  
9 fiscal year 2018 for the use of the Armed Forces and other  
10 activities and agencies of the Department of Defense for  
11 expenses, not otherwise provided for, for operation and  
12 maintenance, as specified in the funding table in section  
13 4302.

14 **SEC. 1506. MILITARY PERSONNEL.**

15 Funds are hereby authorized to be appropriated for  
16 fiscal year 2018 for the use of the Armed Forces and other  
17 activities and agencies of the Department of Defense for  
18 expenses, not otherwise provided for, for military per-  
19 sonnel, as specified in the funding table in section 4402.

20 **SEC. 1507. WORKING CAPITAL FUNDS.**

21 Funds are hereby authorized to be appropriated for  
22 fiscal year 2018 for the use of the Armed Forces and other  
23 activities and agencies of the Department of Defense for  
24 providing capital for working capital and revolving funds,  
25 as specified in the funding table in section 4502.

1 **SEC. 1508. DRUG INTERDICTION AND COUNTER-DRUG AC-**  
2 **TIVITIES, DEFENSE-WIDE.**

3 Funds are hereby authorized to be appropriated for  
4 the Department of Defense for fiscal year 2018 for ex-  
5 penses, not otherwise provided for, for Drug Interdiction  
6 and Counter-Drug Activities, Defense-wide, as specified in  
7 the funding table in section 4502.

8 **SEC. 1509. DEFENSE INSPECTOR GENERAL.**

9 Funds are hereby authorized to be appropriated for  
10 the Department of Defense for fiscal year 2018 for ex-  
11 penses, not otherwise provided for, for the Office of the  
12 Inspector General of the Department of Defense, as speci-  
13 fied in the funding table in section 4502.

14 **SEC. 1510. DEFENSE HEALTH PROGRAM.**

15 Funds are hereby authorized to be appropriated for  
16 the Department of Defense for fiscal year 2018 for ex-  
17 penses, not otherwise provided for, for the Defense Health  
18 Program, as specified in the funding table in section 4502.

19 **Subtitle B—Financial Matters**

20 **SEC. 1521. TREATMENT AS ADDITIONAL AUTHORIZATIONS.**

21 The amounts authorized to be appropriated by this  
22 title are in addition to amounts otherwise authorized to  
23 be appropriated by this Act.

24 **SEC. 1522. SPECIAL TRANSFER AUTHORITY.**

25 (a) **AUTHORITY TO TRANSFER AUTHORIZATIONS.—**

1           (1) **AUTHORITY.**—Upon determination by the  
2 Secretary of Defense that such action is necessary in  
3 the national interest, the Secretary may transfer  
4 amounts of authorizations made available to the De-  
5 partment of Defense in this title for fiscal year 2018  
6 between any such authorizations for that fiscal year  
7 (or any subdivisions thereof). Amounts of authoriza-  
8 tions so transferred shall be merged with and be  
9 available for the same purposes as the authorization  
10 to which transferred.

11           (2) **LIMITATION.**—The total amount of author-  
12 izations that the Secretary may transfer under the  
13 authority of this subsection may not exceed  
14 \$3,500,000,000.

15           (b) **TERMS AND CONDITIONS.**—Transfers under this  
16 section shall be subject to the same terms and conditions  
17 as transfers under section 1001.

18           (c) **ADDITIONAL AUTHORITY.**—The transfer author-  
19 ity provided by this section is in addition to the transfer  
20 authority provided under section 1001.

## 21           **Subtitle C—Other Matters**

### 22           **SEC. 1531. AFGHANISTAN SECURITY FORCES FUND.**

23           (a) **CONTINUATION OF PRIOR AUTHORITIES AND NO-**  
24 **TICE AND REPORTING REQUIREMENTS.**—Funds available  
25 to the Department of Defense for the Afghanistan Secu-

1 rity Forces Fund for fiscal year 2018 shall be subject to  
2 the conditions contained in subsections (b) through (g) of  
3 section 1513 of the National Defense Authorization Act  
4 for Fiscal Year 2008 (Public Law 110–181; 122 Stat.  
5 428), as amended by section 1531(b) of the Ike Skelton  
6 National Defense Authorization Act for Fiscal Year 2011  
7 (Public Law 111–383; 124 Stat. 4424).

8 (b) EQUIPMENT DISPOSITION.—

9 (1) ACCEPTANCE OF CERTAIN EQUIPMENT.—

10 Subject to paragraph (2), the Secretary of Defense  
11 may accept equipment that is procured using  
12 amounts in the Afghanistan Security Forces Fund  
13 authorized under this Act and is intended for trans-  
14 fer to the security forces of Afghanistan, but is not  
15 accepted by such security forces.

16 (2) CONDITIONS ON ACCEPTANCE OF EQUIP-  
17 MENT.—Before accepting any equipment under the  
18 authority provided by paragraph (1), the Com-  
19 mander of United States forces in Afghanistan shall  
20 make a determination that the equipment was pro-  
21 cured for the purpose of meeting requirements of the  
22 security forces of Afghanistan, as agreed to by both  
23 the Government of Afghanistan and the United  
24 States, but is no longer required by such security

1 forces or was damaged before transfer to such secu-  
2 rity forces.

3 (3) ELEMENTS OF DETERMINATION.—In mak-  
4 ing a determination under paragraph (2) regarding  
5 equipment, the Commander of United States forces  
6 in Afghanistan shall consider alternatives to Sec-  
7 retary of Defense acceptance of the equipment. An  
8 explanation of each determination, including the  
9 basis for the determination and the alternatives con-  
10 sidered, shall be included in the relevant quarterly  
11 report required under paragraph (5).

12 (4) TREATMENT AS DEPARTMENT OF DEFENSE  
13 STOCKS.—Equipment accepted under the authority  
14 provided by paragraph (1) may be treated as stocks  
15 of the Department of Defense upon notification to  
16 the congressional defense committees of such treat-  
17 ment.

18 (5) QUARTERLY REPORTS ON EQUIPMENT DIS-  
19 POSITION.—

20 (A) IN GENERAL.—Not later than 90 days  
21 after the date of the enactment of this Act and  
22 every 90-day period thereafter during which the  
23 authority provided by paragraph (1) is exer-  
24 cised, the Secretary of Defense shall submit to  
25 the congressional defense committees a report

1 describing the equipment accepted during the  
2 period covered by such report under the fol-  
3 lowing:

4 (i) This subsection.

5 (ii) Section 1521(b) of the National  
6 Defense Authorization Act for Fiscal Year  
7 2017 (Public Law 114–328; 130 Stat.  
8 2575).

9 (iii) Section 1531(b) of the National  
10 Defense Authorization Act for Fiscal Year  
11 2016 (Public Law 114–92; 129 Stat.  
12 1088).

13 (iv) Section 1532(b) of the Carl Levin  
14 and Howard P. “Buck” McKeon National  
15 Defense Authorization Act for Fiscal Year  
16 2015 (Public Law 113–291; 128 Stat.  
17 3613).

18 (v) Section 1531(d) of the National  
19 Defense Authorization Act for Fiscal Year  
20 2014 (Public Law 113–66; 127 Stat. 938;  
21 10 U.S.C. 2302 note).

22 (B) ELEMENTS.—Each report under sub-  
23 paragraph (A) shall include a list of all equip-  
24 ment that was accepted during the period cov-  
25 ered by the report and treated as stocks of the

1 Department of Defense and copies of the deter-  
2 minations made under paragraph (2), as re-  
3 quired by paragraph (3).

4 (c) SECURITY OF AFGHAN WOMEN.—

5 (1) IN GENERAL.—Of the funds available to the  
6 Department of Defense for the Afghan Security  
7 Forces Fund for fiscal year 2018, it is the goal that  
8 \$25,000,000, but in no event less than \$10,000,000,  
9 shall be used for—

10 (A) the recruitment, integration, retention,  
11 training, and treatment of women in the Af-  
12 ghan National Defense and Security Forces;  
13 and

14 (B) the recruitment, training, and con-  
15 tracting of female security personnel for future  
16 elections.

17 (2) TYPES OF PROGRAMS AND ACTIVITIES.—

18 Such programs and activities may include—

19 (A) efforts to recruit women into the Af-  
20 ghan National Defense and Security Forces, in-  
21 cluding the special operations forces;

22 (B) programs and activities of the Afghan  
23 Ministry of Defense Directorate of Human  
24 Rights and Gender Integration and the Afghan

1 Ministry of Interior Office of Human Rights,  
2 Gender and Child Rights;

3 (C) development and dissemination of gen-  
4 der and human rights educational and training  
5 materials and programs within the Afghan Min-  
6 istry of Defense and the Afghan Ministry of In-  
7 terior;

8 (D) efforts to address harassment and vio-  
9 lence against women within the Afghan Na-  
10 tional Defense and Security Forces;

11 (E) improvements to infrastructure that  
12 address the requirements of women serving in  
13 the Afghan National Defense and Security  
14 Forces, including appropriate equipment for fe-  
15 male security and police forces, and transpor-  
16 tation for policewomen to their station;

17 (F) support for Afghanistan National Po-  
18 lice Family Response Units; and

19 (G) security provisions for high-profile fe-  
20 male police and army officers.

21 (d) INSPECTOR GENERAL OVERSIGHT OF FUND.—

22 (1) QUALITY STANDARDS FOR IG PRODUCTS.—

23 Except as provided in paragraph (3), each product  
24 published or issued by an Inspector General relating  
25 to the oversight of programs and activities funded

1 under the Afghanistan Security Forces Fund shall  
2 be prepared—

3 (A) in accordance with the Generally Ac-  
4 cepted Government Auditing Standards/Govern-  
5 ment Auditing Standards (GAGAS/GAS), as  
6 issued and updated by the Government Ac-  
7 countability Office; or

8 (B) if not prepared in accordance with the  
9 standards referred to in subparagraph (A), in  
10 accordance with the Quality Standards for In-  
11 spection and Evaluation issued by the Council  
12 of the Inspectors General on Integrity and Effi-  
13 ciency (commonly referred to as the “CIGIE  
14 Blue Book”).

15 (2) SPECIFICATION OF QUALITY STANDARDS  
16 FOLLOWED.—Each product published or issued by  
17 an Inspector General relating to the oversight of  
18 programs and activities funded under the Afghani-  
19 stan Security Forces Fund shall cite within such  
20 product the quality standards followed in conducting  
21 and reporting the work concerned.

22 (3) WAIVER.—The Lead Inspector General for  
23 Operation Freedom’s Sentinel may waive the appli-  
24 cability of paragraph (1) to a specific product relat-  
25 ing to the oversight by an Inspector General of ac-

1        activities and programs funded under the Afghanistan  
2        Security Forces Fund if the Lead Inspector General  
3        determines that the waiver would facilitate timely ef-  
4        forts to promote efficiency and effectiveness and pre-  
5        vent, detect, and deter fraud, waste, and abuse. Any  
6        product published or issued pursuant to a waiver  
7        under this paragraph shall include a statement that  
8        work for such product was not conducted in accord-  
9        ance with the standards referred to in paragraph (1)  
10       and an explanation why such standards were not  
11       employed.

12       **TITLE XVI—STRATEGIC PRO-**  
13       **GRAMS, CYBER, AND INTEL-**  
14       **LIGENCE MATTERS**

15       **Subtitle A—Space Activities**

16       **SEC. 1601. AIR FORCE SPACE COMMAND.**

17       (a) IN GENERAL.—Chapter 135 of title 10, United  
18       States Code, is amended by adding at the end the fol-  
19       lowing new section:

20       **“§ 2279c. Air Force Space Command**

21       “(a) IN GENERAL.—The head of the Air Force Space  
22       Command shall be the Commander of the Air Force Space  
23       Command, who shall be appointed in accordance with sec-  
24       tion 601 of this title.

1           “(b) **TERM.**—The Commander shall be appointed to  
2 serve a term of six years, and the Secretary of Defense  
3 may—

4           “(1) terminate, or propose to extend for a pe-  
5 riod of four years, the term of the appointment of  
6 the Commander; or

7           “(2) propose to promote the individual serving  
8 as the Commander during that term of appoint-  
9 ment.”.

10          (b) **CLERICAL AMENDMENT.**—The table of sections  
11 for such chapter is amended by inserting after the item  
12 relating to section 2279b the following new item:

“2279c. Air Force Space Command.”.

13 **SEC. 1602. AIR FORCE SPACE CONTRACTOR RESPONSIBI-**  
14 **BILITY WATCH LIST.**

15          (a) **IN GENERAL.**—The Commander of the Air Force  
16 Space and Missile Systems Center shall establish and  
17 maintain a watch list of contractors with a history of poor  
18 performance on space procurement or research, develop-  
19 ment, test, and evaluation program contracts.

20          (b) **BASIS FOR INCLUSION ON LIST.**—

21           (1) **IN GENERAL.**—The Commander of the Air  
22 Force Space and Missile Systems Center may place  
23 a contractor on the watch list established under sub-  
24 section (a) upon determining that the ability of the  
25 contractor to perform Air Force space contracts has

1       been called into question by any of the following  
2       issues:

3               (A) Poor performance or award fee scores  
4               below 50 percent.

5               (B) Financial concerns.

6               (C) Felony convictions or civil judgements.

7               (D) Security or foreign ownership and con-  
8               trol issues.

9               (2) DISCRETION OF THE COMMANDER.—The  
10       Commander of the Air Force Space and Missile Sys-  
11       tems Center shall be responsible for determining  
12       which contractors to place on the watch list, whether  
13       an entire company or a specific division should be  
14       included, and when to remove a contractor from the  
15       list.

16       (c) EFFECT OF LISTING.—

17               (1) PRIME CONTRACTS.—The Air Force Space  
18       and Missile Systems Center may not solicit an offer  
19       from, award a contract to, execute an engineering  
20       change proposal with, or exercise an option on any  
21       Air Force space program with a contractor included  
22       on the list established under subsection (a) without  
23       the prior approval of the Commander of the Air  
24       Force Space and Missile Systems Center.

1           (2) SUBCONTRACTS.—A prime contractor on a  
2     Air Force Space and Missile Systems Center con-  
3     tract may not enter into a subcontract valued in ex-  
4     cess of \$3,000,000 or 5 percent of the prime con-  
5     tract value with a contractor included on the watch  
6     list established under subsection (a) without the  
7     prior approval of the Commander of the Air Force  
8     Space and Missile Systems Center.

9           (d) REQUEST FOR REMOVAL FROM LIST.—A con-  
10    tractor may submit to the Commander a written request  
11    for removal from the watch list, including evidence that  
12    the contractor has resolved the issue that was the basis  
13    for inclusion on the list.

14          (e) RULE OF CONSTRUCTION.—Nothing in this sec-  
15    tion shall be construed as preventing the suspension or  
16    debarment of a contractor, but inclusion on the watch list  
17    shall not be construed as a punitive measure or de facto  
18    suspension or debarment of a contractor.

19    **SEC. 1603. PRESIDENTIAL NATIONAL VOICE CONFER-**  
20                           **ENCING SYSTEM.**

21          (a) CONSOLIDATION OF ELEMENTS.—Not later than  
22    one year after the date of the enactment of this Act, all  
23    program elements and funding for the Presidential Na-  
24    tional Voice Conferencing System (PNVC) shall be trans-

1 ferred to the Program Executive Office with responsibility  
2 for the Presidential National Voice Conferencing System.

3 (b) ACQUISITION REPORTING.—Commencing not  
4 later than one year after the date of the enactment of this  
5 Act, any reporting on the acquisition of the Presidential  
6 National Voice Conferencing System shall comply with re-  
7 porting guidelines for an Acquisition Category 1 (ACAT  
8 1) system.

9 **SEC. 1604. LIMITATION ON USE OF FUNDS FOR DELTA IV**  
10 **LAUNCH VEHICLE.**

11 None of the funds authorized to be appropriated by  
12 this Act or otherwise made available for fiscal year 2018  
13 or any fiscal year thereafter for the Air Force may be obli-  
14 gated to maintain infrastructure, system engineering, crit-  
15 ical skills, base and range support, depreciation, or  
16 sustainment commodities for the Delta IV launch vehicle  
17 until the date on which the Secretary of the Air Force  
18 submits to the congressional defense committees a certifi-  
19 cation that the Air Force plans to launch a satellite pro-  
20 cured by the Air Force on a Delta IV launch vehicle dur-  
21 ing the 3-year period beginning on the date of the certifi-  
22 cation.

1 **SEC. 1605. POLICY OF THE UNITED STATES WITH RESPECT**  
2 **TO CLASSIFICATION OF SPACE AS A COMBAT**  
3 **DOMAIN.**

4 (a) IN GENERAL.—It is the policy of the United  
5 States to develop, produce, field, and maintain an inte-  
6 grated system of assets in response to the increasingly  
7 contested nature of the space operating domain to—

8 (1) ensure the resiliency of capabilities at every  
9 level of orbit in space;

10 (2) deter or deny an attack on capabilities at  
11 every level of orbit in space; and

12 (3) defend the territory of the United States,  
13 its allies, and its deployed forces across all operating  
14 domains.

15 (b) IMPLEMENTATION.—The United States shall im-  
16 plement the policy set forth in subsection (a)—

17 (1) in accordance with the laws of the United  
18 States and the obligations of the United States  
19 under international agreements; and

20 (2) with appropriate consultation, cooperation,  
21 and coproduction of assets with allies and partners  
22 of the United States.

23 **SEC. 1606. LAUNCH SUPPORT AND INFRASTRUCTURE MOD-**  
24 **ERNIZATION.**

25 (a) IN GENERAL.—In support of the policy outlined  
26 in section 2273 of title 10, United States Code, the Sec-

1   retary of Defense shall carry out a program to modernize  
2   infrastructure and improve support activities for proc-  
3   essing and launch of United States national security space  
4   vehicles launching from Federal ranges.

5       (b) ELEMENTS.—The program required by this sec-  
6   tion shall include—

7           (1) investments in infrastructure to improve op-  
8           erations at the Eastern and Western Ranges that  
9           may benefit all users, to enhance the overall capa-  
10          bilities of ranges, to improve safety, and to reduce  
11          the long term cost of operations and maintenance;

12          (2) measures to normalize processes, systems,  
13          and products across the Eastern and Western  
14          ranges to minimize the burden on launch providers;  
15          and

16          (3) improvements in transparency, flexibility,  
17          and, responsiveness for launch scheduling.

18       (c) CONSULTATION.—In carrying out this program,  
19   the Secretary should consult with current and anticipated  
20   users of the Eastern and Western ranges.

21       (d) COOPERATION.—In carrying out this section, the  
22   Secretary should consider partnerships authorized under  
23   section 2276 of title 10, United States Code.

24       (e) REPORT.—

1           (1) REPORT REQUIRED.—Not later than 120  
2 days after the date of the enactment of this Act, the  
3 Secretary shall submit to the congressional defense  
4 committees a report on the plan for the implementa-  
5 tion of the launch support and infrastructure mod-  
6 ernization program.

7           (2) ELEMENTS.—The report required under  
8 paragraph (1) shall include—

9                   (A) a description of plans and the re-  
10 sources needed to improve launch support infra-  
11 structure, utilities, support equipment, and  
12 range operations;

13                   (B) a description of plans to streamline  
14 and normalize processes, systems, and products  
15 at the Eastern and Western ranges, to ensure  
16 consistency for range users; and

17                   (C) recommendations for improving trans-  
18 parency, flexibility, and responsiveness in  
19 launch scheduling.

1     **Subtitle B—Defense Intelligence**  
2     **and Intelligence-Related Activities**

3     **SEC. 1611. EXTENSION OF AUTHORITY TO ENGAGE IN COM-**  
4                     **MERCIAL ACTIVITIES AS SECURITY FOR IN-**  
5                     **TELLIGENCE COLLECTION ACTIVITIES.**

6             The second sentence of section 431(a) of title 10,  
7     United States Code, is amended by striking “December  
8     31, 2017” and inserting “December 31, 2020”.

9             **Subtitle C—Cyber Warfare,**  
10     **Cybersecurity, and Related Matters**

11     **SEC. 1621. POLICY OF THE UNITED STATES ON CYBER-**  
12                     **SPACE, CYBERSECURITY, AND CYBER WAR-**  
13                     **FARE.**

14             (a) IN GENERAL.—It shall be the policy of the United  
15     States, with respect to matters pertaining to cyberspace,  
16     cybersecurity, and cyber warfare, that the United States  
17     should employ all instruments of national power, including  
18     the use of offensive cyber capabilities, to deter if possible,  
19     and respond when necessary, to any and all cyber attacks  
20     or other malicious cyber activities that target United  
21     States interests with the intent to—

22                     (1) cause casualties among United States per-  
23                     sons or persons of our allies;

24                     (2) significantly disrupt the normal functioning  
25                     of United States democratic society or government

1 (including attacks against critical infrastructure that  
2 could damage systems used to provide key services  
3 to the public or government);

4 (3) threaten the command and control of the  
5 United States Armed Forces, the freedom of maneu-  
6 ver of the United States Armed Forces, or the in-  
7 dustrial base or other infrastructure on which the  
8 United States Armed Forces rely to defend United  
9 States interests and commitments; or

10 (4) achieve an effect, whether individually or in  
11 aggregate, comparable to an armed attack or imperil  
12 a vital interest of the United States.

13 (b) RESPONSE OPTIONS.—In carrying out the policy  
14 set forth in subsection (a), the United States shall plan,  
15 develop, and demonstrate response options to address the  
16 full range of potential cyber attacks on United States in-  
17 terests that could be conducted by potential adversaries  
18 of the United States.

19 (c) DENIAL OPTIONS.—In carrying out the policy set  
20 forth in subsection (a) through response options developed  
21 pursuant to subsection (b), the United States shall, to the  
22 greatest extent practicable, prioritize the defensibility and  
23 resiliency against cyber attacks and malicious cyber activi-  
24 ties described in subsection (a) of infrastructure critical

1 to the political integrity, economic security, and national  
2 security of the United States.

3 (d) COST-IMPOSITION OPTIONS.—In carrying out the  
4 policy set forth in subsection (a) through response options  
5 developed pursuant to subsection (b), the United States  
6 shall develop and demonstrate, or otherwise make known  
7 to adversaries of the existence of, cyber capabilities to im-  
8 pose costs on any foreign power targeting the United  
9 States or United States persons with a cyber attack or  
10 malicious cyber activity described in subsection (a).

11 (e) MULTI-PRONG RESPONSE.—In carrying out the  
12 policy set forth in subsection (a) through response options  
13 developed pursuant to subsection (b), the United States  
14 shall—

15 (1) devote immediate and sustained attention to  
16 boosting the cyber resilience of critical United States  
17 strike systems (including cyber, nuclear, and non-nu-  
18 clear systems) in order to ensure the United States  
19 can credibly threaten to impose unacceptable costs  
20 in response to even the most sophisticated large-  
21 scale cyber attack;

22 (2) develop offensive cyber capabilities and spe-  
23 cific plans and strategies to put at risk targets most  
24 valued by adversaries of the United States and their  
25 key decision makers;

1           (3) enhance attribution capabilities to reduce  
2           the time required to positively attribute an attack  
3           with high confidence; and

4           (4) develop intelligence and offensive cyber ca-  
5           pabilities to detect, disrupt, and potentially expose  
6           malicious cyber activities.

7           (f) POLICIES RELATING TO OFFENSIVE CYBER CA-  
8           PABILITIES AND SOVEREIGNTY.—It is the policy of the  
9           United States that, when a cyber attack or malicious cyber  
10          activity transits or otherwise relies upon the networks or  
11          infrastructure of a third country—

12           (1) the United States shall, to the greatest ex-  
13          tent practicable, notify and encourage the govern-  
14          ment of that country to take action to eliminate the  
15          threat; and

16           (2) if the government is unable or unwilling to  
17          take action, the United States reserves the right to  
18          act unilaterally (with the consent of that government  
19          if possible, but without such consent if necessary).

20          (g) AUTHORITY OF SECRETARY OF DEFENSE.—

21           (1) IN GENERAL.—The Secretary of Defense  
22          has the authority to develop, prepare, coordinate,  
23          and, when appropriately authorized to do so, conduct  
24          military cyber operations in response to cyber at-  
25          tacks and malicious cyber activities described in sub-

1 section (a) that are carried out against the United  
2 States or United States persons by a foreign power.

3 (2) DELEGATION OF ADDITIONAL AUTHORI-  
4 TIES.—The Secretary may delegate to the Com-  
5 mander of the United States Cyber Command such  
6 authorities of the Secretaries of the military depart-  
7 ments, including authorities relating to manning,  
8 training, and equipping, that the Secretary considers  
9 appropriate.

10 (3) USE OF DELEGATED AUTHORITIES.—The  
11 use by the Commander of the United States Cyber  
12 Command of any authority delegated to the Com-  
13 mander pursuant to this subsection shall be subject  
14 to the authority, direction, and control of the Sec-  
15 retary.

16 (4) RULE OF CONSTRUCTION.—Nothing in this  
17 subsection shall be construed to limit the authority  
18 of the President or Congress to authorize the use of  
19 military force.

20 (h) FOREIGN POWER DEFINED.—In this section, the  
21 term “foreign power” has the meaning given that term  
22 in section 101 of the Foreign Intelligence Surveillance Act  
23 of 1978 (50 U.S.C. 1801).

1 **SEC. 1622. CYBER POSTURE REVIEW.**

2 (a) **REQUIREMENT FOR COMPREHENSIVE REVIEW.**—

3 In order to clarify United States cyber deterrence policy  
4 and strategy for the near term, the Secretary of Defense  
5 shall conduct a comprehensive review of the cyber posture  
6 of the United States for the next 5 to 10 years. The Sec-  
7 retary shall conduct the review in consultation with the  
8 Director of National Intelligence, the Attorney General,  
9 the Secretary of the Department of Homeland Security,  
10 and the Secretary of State.

11 (b) **ELEMENTS OF REVIEW.**—The cyber posture re-  
12 view shall include the following elements:

13 (1) The role of cyber forces in United States  
14 military strategy, planning, and programming.

15 (2) A declaratory policy relating to United  
16 States responses to cyber attack and use of offensive  
17 cyber capabilities, guidance for the employment of  
18 offensive cyber capabilities, a public affairs plan, and  
19 an engagement plan for adversaries and allies.

20 (3) Proposed norms for the conduct of offensive  
21 cyber operations in crisis and conflict.

22 (4) Guidance for the development of cyber de-  
23 terrence campaign plans focused on key leadership  
24 of Russia, China, Iran, North Korea, and any other  
25 country the Secretary determines appropriate.

1           (5) Examination through analysis and gaming  
2 of escalation dynamics in various scenarios, as well  
3 as the spiral escalatory effects of countries devel-  
4 oping increasingly potent offensive cyber capabilities,  
5 and what steps should be undertaken to bolster sta-  
6 bility in cyberspace and more broadly stability be-  
7 tween major powers.

8           (6) A certification of whether sufficient per-  
9 sonnel are trained and equipped to meet validated  
10 cyber requirements.

11           (7) Such other matters as the Secretary con-  
12 siders appropriate.

13           (c) REPORT TO CONGRESS.—Not later than March  
14 1, 2018, the Secretary of Defense shall submit to Con-  
15 gress, in unclassified and classified forms as necessary, a  
16 report on the results of the cyber posture review conducted  
17 under this section.

18           (d) SENSE OF CONGRESS.—It is the sense of Con-  
19 gress that the United States should respond to all cyber  
20 attacks and to all significant cyber intrusions by imposing  
21 costs on those responsible that exceed any benefit that the  
22 attacker or intruder may have hoped to gain.

1 **SEC. 1623. MODIFICATION AND CLARIFICATION OF RE-**  
2 **QUIREMENTS AND AUTHORITIES RELATING**  
3 **TO ESTABLISHMENT OF UNIFIED COMBAT-**  
4 **ANT COMMAND FOR CYBER OPERATIONS.**

5 (a) **DEADLINE FOR ESTABLISHMENT.**—Before the  
6 Cyber Mission Force reaches full operational capability,  
7 the President shall establish the unified combatant com-  
8 mand for cyber operations forces pursuant to section  
9 167b(a) of title 10, United State Code.

10 (b) **CLARIFICATION OF FUNCTIONS.**—Subsection (a)  
11 of section 167b of title 10, United States Code, is amend-  
12 ed—

13 (1) by striking the second sentence;

14 (2) by inserting “(1)” before “With the”; and

15 (3) by adding at the end the following new  
16 paragraph:

17 “(2) The principal functions of the cyber command  
18 are as follows:

19 “(A) To execute cyber operations.

20 “(B) To prepare cyber operations forces to  
21 carry out assigned missions.”.

22 (c) **MODIFICATION OF ASSIGNMENT OF FORCES.**—  
23 Subsection (b) of such section is amended by striking “sta-  
24 tioned in the United States”.

1 (d) MODIFICATION OF COMMAND OF ACTIVITY OR  
2 MISSION.—Subsection (d) of such section is amended to  
3 read as follows:

4 “(d) COMMAND OF ACTIVITY OR MISSION.—The  
5 commander of the cyber command shall execute and exer-  
6 cise command of cyberspace operations and coordinate  
7 with the affected commanders of the unified combatant  
8 commands, unless otherwise directed by the President or  
9 the Secretary of Defense.”.

10 (e) MODIFICATION OF AUTHORITY OF COMBATANT  
11 COMMANDER.—Subsection (e)(2)(A) of such section is  
12 amended—

13 (1) in clause (iii)—

14 (A) in subclause (I), by striking “and” at  
15 the end;

16 (B) in subclause (II), by striking “assigned  
17 to unified combatant commands”;

18 (C) by redesignating subclause (II) as sub-  
19 clause (III); and

20 (D) by inserting after subclause (I) the fol-  
21 lowing new subclause (II):

22 “(II) for development and acquisition of  
23 joint cyber capabilities; and”;

24 (2) in clause (iv), by striking “joint” and in-  
25 serting “cyber operations”; and

1           (3) in clause (v), by striking “commissioned  
2           and noncommissioned officers” and inserting “cyber  
3           operations forces”.

4 **SEC. 1624. ANNUAL ASSESSMENT OF CYBER RESILIENCY OF**  
5 **NUCLEAR COMMAND AND CONTROL SYSTEM.**

6           (a) IN GENERAL.—Chapter 24 of title 10, United  
7 States Code, is amended by adding at the end the fol-  
8 lowing new section:

9 **“§ 499. Annual assessment of cyber resiliency of nu-**  
10 **clear command and control system**

11           “(a) IN GENERAL.—Not less frequently than annu-  
12 ally, the Commander of the United States Strategic Com-  
13 mand and the Commander of the United States Cyber  
14 Command (in this section referred to collectively as the  
15 ‘Commanders’) shall jointly conduct an assessment of the  
16 cyber resiliency of the nuclear command and control sys-  
17 tem.

18           “(b) ELEMENTS.—In conducting the assessment re-  
19 quired by subsection (a), the Commanders shall—

20           “(1) conduct an assessment of the sufficiency  
21 and resiliency of the nuclear command and control  
22 system to operate through a cyber attack from the  
23 Russian Federation, the People’s Republic of China,  
24 or any other country or entity the Commanders  
25 identify as a potential threat; and

1           “(2) develop recommendations for mitigating  
2           any concerns of the Commanders resulting from the  
3           assessment.

4           “(c) REPORT REQUIRED.—(1) The Commanders  
5           shall jointly submit to the Chairman of the Joint Chiefs  
6           of Staff, for submission to the Council on Oversight of  
7           the National Leadership Command, Control, and Commu-  
8           nications System established under section 171a of this  
9           title (in this section referred to as the ‘Council’), a report  
10          on the assessment required by subsection (a) that includes  
11          the following:

12           “(A) The recommendations developed under  
13           subsection (b)(2).

14           “(B) A statement of the degree of confidence of  
15           each of the Commanders in the mission assurance of  
16           the nuclear deterrent against a top tier cyber threat.

17           “(C) A detailed description of the approach  
18           used to conduct the assessment required by sub-  
19           section (a) and the technical basis of conclusions  
20           reached in conducting that assessment.

21           “(D) Any other comments of the Commanders.

22          “(2) The Council shall submit to the Secretary of De-  
23          fense the report required by paragraph (1) and any com-  
24          ments of the Council on the report.

1       “(3) The Secretary of Defense shall submit to the  
2 congressional defense committees the report required by  
3 paragraph (1), any comments of the Council on the report  
4 under paragraph (2), and any comments of the Secretary  
5 on the report.

6       “(d) TERMINATION.—This section shall terminate on  
7 the date that is 10 years after the date of the enactment  
8 of the National Defense Authorization Act for Fiscal Year  
9 2018.”.

10       (b) CLERICAL AMENDMENT.—The table of sections  
11 for chapter 24 of such title is amended by inserting after  
12 the item relating to section 498 the following new item:

“499. Annual assessment of cyber resiliency of nuclear command and control  
system.”.

13 **SEC. 1625. STRATEGIC CYBERSECURITY PROGRAM.**

14       (a) IN GENERAL.—The Secretary of Defense shall es-  
15 tablish a program to be known as the “Strategic Cyberse-  
16 curity Program” or “SCP” (in this section referred to as  
17 the “Program”).

18       (b) ELEMENTS.—The Program shall be comprised of  
19 personnel assigned to the Program by the Secretary from  
20 among personnel, including regular and reserve members  
21 of the Armed Forces, civilian employees of the Depart-  
22 ment, and personnel of the research laboratories of the  
23 Department of Defense and the Department of Energy,  
24 who have particular expertise in the responsibility to be

1 discharged by the Program. Any personnel assigned to the  
2 Program from among personnel of the Department of En-  
3 ergy shall be so assigned with the concurrence of the Sec-  
4 retary of Energy.

5 (c) RESPONSIBILITY.—

6 (1) IN GENERAL.—The responsibility of the  
7 Program shall be to carry out activities (commonly  
8 referred to as “red-teaming”) to continuously assess  
9 the information assurance and improve the overall  
10 effectiveness of the following of the United States  
11 Government:

12 (A) Offensive cyber systems.

13 (B) Long-range strike systems.

14 (C) Nuclear deterrent systems.

15 (D) National security systems.

16 (E) Critical infrastructure of the Depart-  
17 ment of Defense (as that term is defined in sec-  
18 tion 1650(f)(1) of the National Defense Author-  
19 ization Act for Fiscal Year 2017 (Public Law  
20 114–329)).

21 (2) SCOPE OF RESPONSIBILITY.—In carrying  
22 out its activities, the Program shall carry out appro-  
23 priate reviews of current systems and infrastructure  
24 and acquisition plans for proposed systems and in-  
25 frastructure. The review of an acquisition plan for

1 any proposed system or infrastructure shall be car-  
2 ried out before Milestone B approval for such system  
3 or infrastructure.

4 (3) RESULTS OF REVIEWS.—The results of each  
5 review carried out by the Program pursuant to para-  
6 graph (2), including any remedial action rec-  
7 ommended by the Program pursuant to such review,  
8 shall be made available to any agencies or organiza-  
9 tions of the Department involved in the development,  
10 procurement, operation, or maintenance of the sys-  
11 tem or infrastructure concerned.

12 (d) REPORTS.—The Director of the National Secu-  
13 rity Agency shall submit to the Secretary of Defense and  
14 the congressional defense committees on a quarterly basis  
15 a report on the activities of the Program during the pre-  
16 ceding calendar quarter. Each report shall include the fol-  
17 lowing:

18 (1) A description of the activities of the Pro-  
19 gram during the calendar quarter covered by such  
20 report.

21 (2) A description of particular challenges en-  
22 countered in the course of the activities of the Pro-  
23 gram during such calendar quarter, and of actions  
24 taken to address such challenges.



1 (b) GOAL.—The goal of the evaluation required by  
2 subsection (a) is to identify a set of practices that will—

3 (1) increase the speed of development of cyber  
4 capabilities of the Armed Forces;

5 (2) provide more effective tools and capabilities  
6 for developing, acquiring, and maintaining cyber  
7 tools and applications; and

8 (3) create a repeatable, disciplined process for  
9 developing, acquiring, and maintaining cyber tools  
10 and applications whereby progress and success or  
11 failure can be continuously measured.

12 (c) CONSIDERATION OF AGILE SOFTWARE DEVELOP-  
13 MENT, AGILE ACQUISITION, AND OTHER BEST PRAC-  
14 TICES.—

15 (1) IN GENERAL.—The evaluation required by  
16 subsection (a) shall include consideration of agile  
17 software development, agile acquisition, and such  
18 other similar best practices of commercial industry.

19 (2) CONSIDERATIONS.—In carrying out the  
20 evaluation required by subsection (a), the Com-  
21 mander shall assess requirements for implementing  
22 the practices described in paragraph (1), consider  
23 changes that would be necessary to established ac-  
24 quisition practices, including the following:

25 (A) The requirements process.

1 (B) Contracting.

2 (C) Testing.

3 (D) User involvement in the development  
4 process.

5 (E) Program management.

6 (F) Milestone reviews and approvals.

7 (G) The definitions of “research and devel-  
8 opment”, “procurement”, and “sustainment”.

9 (H) The constraints of current appropria-  
10 tions account definitions.

11 (d) ASSESSMENT OF TRAINING AND EDUCATION RE-  
12 QUIREMENTS.—In carrying out the evaluation required by  
13 subsection (a), the Commander shall assess training and  
14 education requirements for personnel in all areas and at  
15 all levels of management relevant to the successful adop-  
16 tion of new acquisition models and methods for developing,  
17 acquiring, and maintaining cyber tools and applications as  
18 described in such subsection.

19 (e) SERVICES AND EXPERTISE.—In conducting the  
20 evaluation required by subsection (a), the Commander  
21 shall—

22 (1) obtain services and expertise from—

23 (A) the Defense Digital Service; and

1 (B) federally funded research and develop-  
2 ment centers, such as the Software Engineering  
3 Institute and the MITRE Corporation; and

4 (2) consult with such commercial software com-  
5 panies as the Commander considers appropriate to  
6 learn about commercial best practices.

7 (f) RECOMMENDATIONS.—

8 (1) IN GENERAL.—Not later than 120 days  
9 after the date of the enactment of this Act, the  
10 Commander shall submit to the Secretary of Defense  
11 recommendations for experimenting with or adopting  
12 new acquisition methods, including all aspects of im-  
13 plementation necessary for the success of the rec-  
14 ommended methods.

15 (2) CONGRESSIONAL BRIEFING.—Not later than  
16 14 days after submitting recommendations to the  
17 Secretary under paragraph (1), the Commander  
18 shall brief the congressional defense committees on  
19 the recommendations the Commander submitted  
20 under paragraph (1).

21 (g) PRESERVATION OF EXISTING AUTHORITY.—The  
22 evaluation required under subsection (a) is intended to in-  
23 form future acquisition approaches. Nothing in this sec-  
24 tion shall be construed to limit or impede the exercising  
25 of the acquisition authority of the Commander of United

1 States Cyber Command under section 807 of the National  
2 Defense Authorization Act for Fiscal Year 2016 (Public  
3 Law 114–92; 10 U.S.C. 2224 note).

4 (h) DEFINITIONS.—In this section:

5 (1) The term “agile acquisition” means acquisi-  
6 tion pursuant to a methodology for delivering mul-  
7 tiple, rapid, incremental capabilities to the user for  
8 operational use, evaluation, and feedback. The incre-  
9 mental development and fielding of capabilities, com-  
10 monly called “spirals”, “spins”, or “sprints”, can be  
11 measured in a few weeks or months, and involve  
12 continuous participation and collaboration by users,  
13 testers, and requirements authorities.

14 (2) The term “agile development” means devel-  
15 opment pursuant to a set of software development  
16 methodologies based on iterative development, in  
17 which requirements and solutions evolve through col-  
18 laboration between self-organizing cross-functional  
19 teams.

20 **SEC. 1627. REPORT ON COST IMPLICATIONS OF TERMI-**  
21 **NATING DUAL-HAT ARRANGEMENT FOR COM-**  
22 **MANDER OF UNITED STATES CYBER COM-**  
23 **MAND.**

24 Not later than 90 days after the date of the enact-  
25 ment of this Act, the Commander of the United States

1 Cyber Command shall submit to the congressional defense  
2 committees a report that identifies the costs that would  
3 be implicated by meeting the conditions set forth in section  
4 1642(b)(2)(C) of the National Defense Authorization Act  
5 for Fiscal Year 2017 (Public Law 114–328).

6 **SEC. 1628. MODIFICATION OF INFORMATION ASSURANCE**  
7 **SCHOLARSHIP PROGRAM.**

8 (a) DESIGNATION OF PROGRAM.—Section 2200a of  
9 title 10, United States Code, is amended by adding at the  
10 end the following new subsection:

11 “(h) DESIGNATION OF PROGRAM.—A program under  
12 which the Secretary provides financial assistance under  
13 subsection (a) shall be known as the ‘Department of De-  
14 fense Cybersecurity Scholarship Program’.”.

15 (b) ALLOCATION OF FUNDING.—Subsection (f) of  
16 such section is amended—

17 (1) by inserting “(1)” before “Not less”; and

18 (2) by adding at the end the following new  
19 paragraph:

20 “(2) Not less than five percent of the amount avail-  
21 able for financial assistance under this section for a fiscal  
22 year shall be available for providing financial assistance  
23 for the pursuit of an associate degree.”.

24 (c) REINVIGORATION PLAN REQUIRED.—Not later  
25 than September 30, 2018, the Secretary of Defense shall

1 submit to the congressional defense committees a plan for  
2 reinvigorating the Department of Defense Cyber Scholar-  
3 ship Program authorized under section 2200a of such  
4 title, as amended by subsections (a) and (b).

5 **SEC. 1629. MEASURING COMPLIANCE OF COMPONENTS OF**  
6 **DEPARTMENT OF DEFENSE WITH CYBERSE-**  
7 **CURITY REQUIREMENTS FOR SECURING IN-**  
8 **DUSTRIAL CONTROL SYSTEMS.**

9 (a) IN GENERAL.—The Secretary of Defense shall  
10 make such changes to the scorecard as are necessary to  
11 ensure that the Secretary measures each component of the  
12 Department of Defense in its progress towards securing  
13 the industrial control systems of the Department against  
14 cyber threats, including supervisory control and data ac-  
15 quisition systems (SCADA), distributed control systems  
16 (DCS), programmable logic controllers (PLC), and plat-  
17 form information technology (PIT).

18 (b) SCORECARD DEFINED.—In this section, the term  
19 “scorecard” means the Department of Defense Cyber  
20 Scorecard for the measuring of the performance of compo-  
21 nents of the Department against basic cybersecurity re-  
22 quirements as outlined in the Department of Defense Cy-  
23 bersecurity Discipline Implementation Plan.

1 **SEC. 1630. EXERCISE ON ASSESSING CYBERSECURITY SUP-**  
2 **PORT TO ELECTION SYSTEMS OF STATES.**

3 (a) INCLUSION OF CYBER VULNERABILITIES IN  
4 ELECTION SYSTEMS IN CYBER GUARD EXERCISES.—The  
5 Secretary of Defense shall incorporate the cybersecurity  
6 of elections systems of the States as a component of the  
7 Cyber Guard Exercise.

8 (b) REPORT ON BEST PRACTICES.—Not later than  
9 180 days after the date of the enactment of this Act, the  
10 Secretary of Defense shall submit to the congressional de-  
11 fense committees a report on the capabilities, readiness,  
12 and best practices of the National Guard to assist the Gov-  
13 ernors, if called upon, to defend elections systems from  
14 cyberattacks.

15 **SEC. 1630A. REPORT ON VARIOUS APPROACHES TO CYBER**  
16 **DETERRENCE.**

17 (a) IN GENERAL.—Not later than 180 days after the  
18 date of the enactment of this Act, the Secretary of Defense  
19 shall submit to the congressional defense committees a re-  
20 port on various approaches to cyber deterrence.

21 (b) CONTENTS.—The report required by subsection  
22 (a) shall include the following:

23 (1) Identification, definition, and explanation of  
24 the various theoretical approaches to cyber deter-  
25 rence.

1           (2) An assessment of the relative strengths and  
2 weaknesses of each of such approaches relative to  
3 the threat and relative to one another.

4           (3) A recommendation for a cyber deterrence  
5 theory and doctrine for the Armed Forces.

6           (4) An alternative analysis or dissenting view of  
7 the recommendation included under paragraph (3)  
8 that explains the weaknesses of the recommended  
9 theory and doctrine and offers an alternative theory  
10 or doctrine.

11       (c) CONSULTATION.—In preparing the report re-  
12 quired by subsection (a), the Secretary shall consult with  
13 experts from the Government, industry, and academia.

14 **SEC. 1630B. PROHIBITION ON USE OF SOFTWARE PLAT-**  
15 **FORMS DEVELOPED BY KASPERSKY LAB.**

16       (a) PROHIBITION.—No department, agency, organi-  
17 zation, or other element of the Department of Defense  
18 may use, whether directly or through work with or on be-  
19 half of another organization or element of the Department  
20 or another department or agency of the United States  
21 Government, any software platform developed, in whole or  
22 in part, by Kaspersky Lab or any entity of which  
23 Kaspersky Lab has a majority ownership.

24       (b) SEVERANCE OF NETWORK CONNECTIONS.—The  
25 Secretary of Defense shall ensure that any network con-

1 nection between a department, agency, organization, or  
2 other element of the Department of Defense and a depart-  
3 ment or agency of the United States Government that is  
4 using or hosting on its networks a software platform de-  
5 scribed in subsection (a) is immediately severed.

6 (c) EFFECTIVE DATE.—This section shall take effect  
7 on October 1, 2018.

## 8 **Subtitle D—Nuclear Forces**

### 9 **SEC. 1631. COLLECTION, STORAGE, AND SHARING OF DATA** 10 **RELATING TO NUCLEAR SECURITY ENTER-** 11 **PRISE.**

12 (a) IN GENERAL.—Chapter 24 of title 10, United  
13 States Code, as amended by section 1624, is further  
14 amended by adding at the end the following new section:

#### 15 **“§ 499a. Collection, storage, and sharing of data relat-** 16 **ing to nuclear security enterprise**

17 “(a) IN GENERAL.—The Secretary of Defense, acting  
18 through the Director of Cost Assessment and Program  
19 Evaluation, and the Administrator for Nuclear Security,  
20 acting through the Director for Cost Estimating and Pro-  
21 gram Evaluation, shall jointly collect and store cost, pro-  
22 grammatic, and technical data relating to programs and  
23 projects of the nuclear security enterprise.

24 “(b) SHARING OF DATA.—If the Director of Cost As-  
25 sessment and Program Evaluation or the Director for

1 Cost Estimating and Program Evaluation requests data  
2 relating to programs or projects from any element of the  
3 Department of Defense or from any element of the nuclear  
4 security enterprise of the National Nuclear Security Ad-  
5 ministration, that element shall provide that data in a  
6 timely manner.

7 “(c) STORAGE OF DATA.—

8 “(1) IN GENERAL.—Data collected by the Di-  
9 rector of Cost Assessment and Program Evaluation  
10 and the Director for Cost Estimating and Program  
11 Evaluation under this section shall be—

12 “(A) stored in the data storage system of  
13 the Defense Cost and Resource Center or in a  
14 data storage system of the National Nuclear  
15 Security Administration that is equivalent to  
16 the data storage system of the Defense Cost  
17 and Resource Center; and

18 “(B) made accessible to other Federal  
19 agencies as such Directors consider appropriate.

20 “(2) AVAILABILITY OF RESOURCES.—The Sec-  
21 retary and the Administrator shall ensure that the  
22 Director of Cost Assessment and Program Evalua-  
23 tion and the Director for Cost Estimating and Pro-  
24 gram Evaluation have sufficient information system  
25 support, as determined by such Directors, to facili-

1       tate the timely hosting, handling, and sharing of  
2       data relating to programs and projects of the nu-  
3       clear security enterprise under this section at the ap-  
4       propriate level of classification.

5               “(3) COORDINATION WITH OFFICE OF NAVAL  
6       REACTORS.—The Deputy Administrator for Naval  
7       Reactors of the National Nuclear Security Adminis-  
8       tration shall coordinate with the Director of Cost  
9       Assessment and Program Evaluation and the Direc-  
10      tor for Cost Estimating and Program Evaluation to  
11      ensure that data relating to programs and projects  
12      of the Office of Naval Reactors are correctly rep-  
13      resented in the data storage system of the Defense  
14      Cost and Resource Center and the data storage sys-  
15      tem of the National Nuclear Security Administration  
16      described in paragraph (1)(A).

17             “(d) CONTRACT REQUIREMENTS.—The Secretary  
18      and the Administrator shall ensure that any contract re-  
19      lating to a program or project of the nuclear security en-  
20      terprise that is entered into on or after the date of the  
21      enactment of this section includes—

22               “(1) requirements and standards for data col-  
23      lection; and

24               “(2) requirements for reporting on cost, pro-  
25      grammatic, and technical data using procedures,

1 standards, and formats approved by the Director of  
2 Cost Assessment and Program Evaluation and the  
3 Director for Cost Estimating and Program Evalua-  
4 tion.

5 “(e) NUCLEAR SECURITY ENTERPRISE DEFINED.—  
6 In this section, the term ‘nuclear security enterprise’ has  
7 the meaning given that term in section 4002 of the Atomic  
8 Energy Defense Act (50 U.S.C. 2501).”.

9 (b) CLERICAL AMENDMENT.—The table of sections  
10 for chapter 24 of such title is amended by inserting after  
11 the item relating to section 499, as added by section 1624,  
12 the following new item:

“499a. Collection, storage, and sharing of data relating to nuclear security en-  
terprise.”.

13 **SEC. 1632. ESTABLISHMENT OF PROCEDURES FOR IMPLE-**  
14 **MENTATION OF NUCLEAR ENTERPRISE RE-**  
15 **VIEW.**

16 (a) IN GENERAL.—Not later than one year after the  
17 date of the enactment of this Act, the Secretary of Defense  
18 shall issue a final Department of Defense Instruction es-  
19 tablishing procedures for the long-term implementation of  
20 the recommendations contained in the Independent Re-  
21 view of the Department of Defense Nuclear Enterprise,  
22 dated June 2, 2014.

23 (b) SUBMISSION TO CONGRESS.—The Secretary shall  
24 submit the final instruction required by subsection (a) to

1 the congressional defense committees not later than 30  
2 days after issuing the instruction.

3 (c) REVIEW BY GOVERNMENT ACCOUNTABILITY OF-  
4 FICE.—Not later than 90 days after the Secretary issues  
5 the final instruction required by subsection (a), the Comp-  
6 troller General of the United States shall submit to the  
7 congressional defense committees a report reviewing the  
8 instruction for its consistency with the recommendations  
9 contained in the report of the Government Accountability  
10 Office entitled, “Defense Nuclear Enterprise: DOD has  
11 Established Processes for Implementing and Tracking  
12 Recommendations to Improve Leadership Morale and Op-  
13 erations”, dated July 14, 2016 (GAO–16–957R).

14 **SEC. 1633. PROCUREMENT AUTHORITY FOR CERTAIN**  
15 **PARTS OF INTERCONTINENTAL BALLISTIC**  
16 **MISSILES.**

17 (a) AVAILABILITY OF FUNDS.—Notwithstanding sec-  
18 tion 1502(a) of title 31, United States Code, of the  
19 amount authorized to be appropriated for fiscal year 2018  
20 by section 101 and available for Missile Procurement, Air  
21 Force, as specified in the funding table in section 4101,  
22 \$6,334,000 shall be available for the procurement of cov-  
23 ered parts pursuant to contracts entered into under sec-  
24 tion 1645(a) of the Carl Levin and Howard P. “Buck”

1 McKeon National Defense Authorization Act for Fiscal  
2 Year 2015 (Public Law 113–291; 128 Stat. 3651).

3 (b) COVERED PARTS DEFINED.—In this section, the  
4 term “covered parts” means commercially available off-  
5 the-shelf items as defined in section 104 of title 41, United  
6 States Code.

7 **SEC. 1634. EXECUTION AND PROGRAMMATIC OVERSIGHT**  
8 **OF NUCLEAR COMMAND, CONTROL, AND**  
9 **COMMUNICATIONS PROGRAMS.**

10 (a) IN GENERAL.—Not later than one year after the  
11 date of the enactment of this Act, the Chief Information  
12 Officer of the Department of Defense, as Executive Sec-  
13 retary of the Council on Oversight of the National Leader-  
14 ship Command, Control, and Communications System es-  
15 tablished under section 171a of title 10, United States  
16 Code (or a successor to the Chief Information Officer as-  
17 signed responsibility for policy, oversight, guidance, and  
18 coordination for nuclear command and control systems),  
19 shall, in coordination with the Under Secretary of Defense  
20 for Acquisition and Sustainment, develop a database relat-  
21 ing to the execution of all nuclear command, control, and  
22 communications acquisition programs of the Department  
23 of Defense with an approved Materiel Development Deci-  
24 sion. The database shall be updated not less frequently

1 than annually and upon completion of a major program  
2 element of such a program.

3 (b) DATABASE ELEMENTS.—The database required  
4 by subsection (a) shall include, at a minimum, the fol-  
5 lowing elements for each program described in that sub-  
6 section, consistent with Department of Defense Instruc-  
7 tion 5000.02:

8 (1) Projected dates for Milestones A, B and C,  
9 including cost thresholds and objectives for major  
10 elements of life cycle cost.

11 (2) Projected dates for program design reviews  
12 and critical design reviews.

13 (3) Projected dates for developmental and oper-  
14 ation tests.

15 (4) Projected dates for initial operational capa-  
16 bility and final operational capability.

17 (5) An acquisition program baseline.

18 (6) Program acquisition unit cost and average  
19 procurement unit cost.

20 (7) Contract type.

21 (8) Key performance parameters.

22 (9) Key system attributes.

23 (10) A risk register.

24 (11) Technology readiness levels.

25 (12) Manufacturing readiness levels.

1 (13) Integration readiness levels.

2 (14) Any other critical elements that affect the  
3 stability of the program.

4 (c) BRIEFINGS.—The co-chairs of the Council on  
5 Oversight of the National Leadership Command, Control,  
6 and Communications System shall brief the congressional  
7 defense committees on the status of the database required  
8 by subsection (a)—

9 (1) not later than 180 days after the date of  
10 the enactment of this Act; and

11 (2) upon completion of the database.

12 **SEC. 1635. MEASURES IN RESPONSE TO NONCOMPLIANCE**  
13 **OF THE RUSSIAN FEDERATION WITH ITS OB-**  
14 **LIGATIONS UNDER THE INF TREATY.**

15 (a) STATEMENT OF UNITED STATES POLICY.—It is  
16 the policy of the United States that, for so long as the  
17 Russian Federation remains in noncompliance with the  
18 INF Treaty, the United States should take actions to  
19 bring the Russian Federation back into compliance, in-  
20 cluding—

21 (1) providing additional funds for the activities  
22 and systems identified in section 1243(d) of the Na-  
23 tional Defense Authorization Act for Fiscal Year  
24 2016 (Public Law 114–92; 129 Stat. 1062); and

1           (2) the establishment of a research and develop-  
2           ment program for a dual-capable road-mobile  
3           ground-launched missile system with a maximum  
4           range of 5,500 kilometers.

5           (b) REPORT REQUIRED.—Not later than 120 days  
6 after the date of the enactment of this Act, the Secretary  
7 of Defense shall submit to the congressional defense com-  
8 mittees a report on the cost and schedule for, and feasi-  
9 bility of, modifying United States missile systems in exist-  
10 ence as of such date of enactment for ground launch with  
11 a range of between 500 and 5,500 kilometers, including  
12 the Tomahawk Cruise Missile, the Standard Missile-3, the  
13 Standard Missile-6, the Long-Range Stand-Off Cruise  
14 Missile, and the Army Tactical Missile System, as com-  
15 pared with the cost and schedule for, and feasibility of,  
16 developing a new ground-launched missile using new tech-  
17 nology with the same range.

18           (c) AUTHORIZATION OF APPROPRIATIONS.—None of  
19 the funds authorized to be appropriated by this Act or  
20 otherwise made available for fiscal year 2018 for a re-  
21 search and development program for a dual-capable road-  
22 mobile ground-launched missile system with a maximum  
23 range of 5,500 kilometers may be obligated or expended  
24 until the report required by subsection (b) is received by  
25 the congressional defense committees.

1 (d) INF TREATY DEFINED.—In this section, the  
2 term “INF Treaty” means the Treaty between the United  
3 States of America and the Union of Soviet Socialist Re-  
4 publics on the Elimination of their Intermediate-Range  
5 and Shorter-Range Missiles, signed at Washington De-  
6 cember 8, 1987, and entered into force June 1, 1988.

7 **SEC. 1636. CERTIFICATION THAT THE NUCLEAR POSTURE**  
8 **REVIEW ADDRESSES DETERRENT EFFECT**  
9 **AND OPERATION OF UNITED STATES NU-**  
10 **CLEAR FORCES IN CURRENT AND FUTURE**  
11 **SECURITY ENVIRONMENTS.**

12 (a) FINDINGS.—Congress finds that, between the  
13 publication of the Nuclear Posture Review in 2010 and  
14 the date of the enactment of this Act—

15 (1) North Korea has—

16 (A) conducted at least three nuclear tests;

17 (B) tested missiles that may be capable of  
18 reaching United States territory in the Pacific  
19 Ocean; and

20 (C) continued to develop a missile that  
21 could strike targets in the United States home-  
22 land;

23 (2) the Russian Federation has—

1 (A) not complied with either the spirit or  
2 the letter of bilateral treaties with the United  
3 States related to nuclear weapons;

4 (B) continued to expand and diversify its  
5 arsenal of non-strategic nuclear weapons;

6 (C) threatened to add allies of the United  
7 States hosting missile defense shields to its list  
8 of nuclear targets; and

9 (D) demonstrated willful disregard for the  
10 sovereign territory of a neighboring country;

11 (3) Iran has—

12 (A) according to the International Atomic  
13 Energy Agency, exceeded limits on sensitive  
14 materials under the Joint Comprehensive Plan  
15 of Action, agreed to at Vienna on July 14,  
16 2015, by Iran and by the People's Republic of  
17 China, France, Germany, the Russian Federa-  
18 tion, the United Kingdom, and the United  
19 States; and

20 (B) continued to advance a ballistic missile  
21 program that has been condemned by the  
22 United Nations;

23 (4) the People's Republic of China has—

24 (A) built up military outposts on artificial  
25 islands in the South China Sea;

1 (B) mass-produced missiles capable of  
2 striking United States aircraft carriers and  
3 military installations in the Pacific;

4 (C) expanded its delivery systems to in-  
5 clude ballistic missile submarines, which can  
6 hold the United States homeland at risk and  
7 potentially can destabilize the strategic stability  
8 of Southeast Asia; and

9 (D) continued to test anti-satellite weap-  
10 ons, according to the Department of State; and

11 (5) advances in technology and capabilities re-  
12 lated to the cyber domain, applications of artificial  
13 intelligence, and space have further complicated the  
14 delicate balance of deterrence that has been in place  
15 since the Cold War.

16 (b) SENSE OF CONGRESS.—It is the sense of Con-  
17 gress that—

18 (1) given the developments in the international  
19 security environment described in subsection (a), it  
20 is critical to the national security of the United  
21 States to maintain a nuclear force that is effective  
22 for both deterrence of adversaries and assurance of  
23 allies of the United States;

24 (2) an effective force for deterrence and assur-  
25 ance should be flexible, in order to respond to dif-

1       ferent contingencies, as well as resilient, to operate  
2       as planned under stress; and

3           (3) in order to do so, the United States should  
4       continue to pursue the timely modernization of all  
5       three legs of the nuclear triad, the Long-Range  
6       Stand-Off weapon, tactical nuclear capabilities, and  
7       nuclear command and control systems, as well as  
8       weapons and infrastructure maintained by the Na-  
9       tional Nuclear Security Administration.

10       (c) CERTIFICATION REQUIRED.—Not later than 30  
11       days after completing the first Nuclear Posture Review  
12       after the date of the enactment of this Act, the Secretary  
13       of Defense shall submit to the congressional defense com-  
14       mittees a certification that the Nuclear Posture Review  
15       accounts for—

16           (1) with respect to the nuclear capabilities of  
17       the United States as of such date of enactment—

18           (A) the ability of such capabilities to deter  
19       adversaries of the United States that possess  
20       nuclear weapons or may possess such weapons  
21       in the future;

22           (B) the ability of the United States to op-  
23       erate in a major regional conflict that involves  
24       nuclear weapons;

1 (C) the ability and preparedness of for-  
2 ward-deployed members of the Armed Forces to  
3 operate in a nuclear environment; and

4 (D) weapons, equipment, and training or  
5 conduct that would improve the abilities de-  
6 scribed in subparagraphs (A), (B), and (C);

7 (2) with respect to the nuclear capabilities of  
8 the United States projected over the 10-year period  
9 beginning on such date of enactment—

10 (A) the projected ability of such capabili-  
11 ties to deter adversaries of the United States  
12 that possess nuclear weapons or may possess  
13 such weapons in the future;

14 (B) the projected ability of the United  
15 States to operate in a major regional conflict  
16 that involves nuclear weapons;

17 (C) the projected ability and preparedness  
18 of forward-deployed members of the Armed  
19 Forces to operate in a nuclear environment; and

20 (D) weapons, equipment, and training or  
21 conduct that would improve the abilities de-  
22 scribed in subparagraphs (A), (B), and (C); and

23 (3) any actions that could be taken by the Sec-  
24 retary of Defense or the Administrator for Nuclear  
25 Security in the near and medium terms to decrease

1 the risk posed by possible additional changes to the  
2 security environment related to nuclear weapons in  
3 the future.

4 (d) FORM OF CERTIFICATION.—The certification re-  
5 quired by subsection (c) may be submitted to the congres-  
6 sional defense committees in classified form.

7 **SEC. 1637. PLAN TO MANAGE INTEGRATED TACTICAL**  
8 **WARNING AND ATTACK ASSESSMENT SYSTEM**  
9 **AND MULTI-DOMAIN SENSORS.**

10 (a) PLAN REQUIRED.—Not later than one year after  
11 the date of the enactment of this Act, the Secretary of  
12 the Air Force shall develop a plan to manage the Air Force  
13 missile warning elements of the Integrated Tactical Warn-  
14 ing and Attack Assessment System as a weapon system  
15 consistent with Air Force Policy Directive 10-9, entitled  
16 “Lead Command Designation and Responsibilities for  
17 Weapon Systems” and dated March 8, 2007.

18 (b) MULTI-DOMAIN SENSOR MANAGEMENT AND EX-  
19 PLOITATION.—

20 (1) IN GENERAL.—The plan required by sub-  
21 section (a) shall include a long-term plan to manage  
22 all available sensors for multi-domain exploitation  
23 against modern and emergent threats in order to  
24 provide comprehensive support for integrated tac-

1 tical warning and attack assessment, missile defense,  
2 and space situational awareness.

3 (2) COORDINATION WITH OTHER AGENCIES.—

4 In developing the plan required by paragraph (1),  
5 the Secretary shall—

6 (A) coordinate with the Secretary of the  
7 Army, the Secretary of the Navy, the Director  
8 of the Missile Defense Agency, and the Director  
9 of the National Reconnaissance Office; and

10 (B) solicit comments on the plan, if any,  
11 from the Commander of the United States  
12 Strategic Command and the Commander of the  
13 United States Northern Command.

14 (c) SUBMISSION TO CONGRESS.—Not later than 14  
15 months after the date of the enactment of this Act, the  
16 Secretary shall submit to the congressional defense com-  
17 mittees—

18 (1) the plan required by subsection (a); and

19 (2) the comments from the Commander of the  
20 United States Strategic Command and the Com-  
21 mander of the United States Northern Command, if  
22 any, on the plan required by subsection (b)(1).

1 **SEC. 1638. CERTIFICATION REQUIREMENT WITH RESPECT**  
2 **TO STRATEGIC RADIATION HARDENED**  
3 **TRUSTED FOUNDRY.**

4 Not later than December 31, 2020, the Secretary of  
5 Defense shall submit to the congressional defense commit-  
6 tees a certification that a strategic radiation hardened  
7 trusted foundry, consistent with Department of Defense  
8 Instruction 5200.44, is operational and capable of sup-  
9 plying necessary microelectronic components for necessary  
10 radiation environments involved with the acquisition of de-  
11 livery systems for nuclear weapons.

12 **SEC. 1639. REQUIREMENTS FOR NUCLEAR POSTURE RE-**  
13 **VIEW.**

14 (a) **INCORPORATION OF STAKEHOLDER VIEWS.**—In  
15 preparing the Nuclear Posture Review, the Secretary of  
16 Defense shall fully incorporate input and views from all  
17 relevant stakeholders in the United States Government,  
18 including the Secretary of Energy, the Secretary of State,  
19 the Administrator for Nuclear Security, and the heads of  
20 components of the Department of State, the Department  
21 of Energy, and the National Nuclear Security Administra-  
22 tion with responsibility for negotiating and verifying com-  
23 pliance with international arms control initiatives.

24 (b) **AVAILABILITY.**—The Secretary of Defense shall  
25 ensure that—

1 (1) the Nuclear Posture Review is submitted, in  
2 its entirety, to the President and the congressional  
3 defense committees; and

4 (2) an unclassified version of the Nuclear Pos-  
5 ture Review is made available to the public.

6 **SEC. 1640. SENSE OF CONGRESS ON NUCLEAR POSTURE RE-**  
7 **VIEW.**

8 It is the sense of Congress that the Nuclear Posture  
9 Review should—

10 (1) take into account the obligations of the  
11 United States under treaties ratified by and with the  
12 advice and consent of the Senate; and

13 (2) examine the tools required to sustain the  
14 stockpile stewardship program under section 4201 of  
15 the Atomic Energy Defense Act (50 U.S.C. 2521) in  
16 the future to ensure the safety, security, and effec-  
17 tiveness of the nuclear arsenal of the United States.

18 **Subtitle E—Missile Defense**  
19 **Programs**

20 **SEC. 1651. IRON DOME SHORT-RANGE ROCKET DEFENSE**  
21 **SYSTEM AND ISRAELI COOPERATIVE MISSILE**  
22 **DEFENSE PROGRAM CO-DEVELOPMENT AND**  
23 **CO-PRODUCTION.**

24 (a) IRON DOME SHORT-RANGE ROCKET DEFENSE  
25 SYSTEM.—

1           (1) AVAILABILITY OF FUNDS.—Of the funds  
2 authorized to be appropriated by this Act or other-  
3 wise made available for fiscal year 2018 for procure-  
4 ment, Defense-wide, and available for the Missile  
5 Defense Agency, not more than \$92,000,000 may be  
6 provided to the Government of Israel to procure  
7 Tamir interceptors for the Iron Dome short-range  
8 rocket defense system through co-production of such  
9 interceptors in the United States by industry of the  
10 United States.

11           (2) CONDITIONS.—

12           (A) AGREEMENT.—Funds described in  
13 paragraph (1) for the Iron Dome short-range  
14 rocket defense program shall be available sub-  
15 ject to the terms and conditions in the Agree-  
16 ment Between the Department of Defense of  
17 the United States of America and the Ministry  
18 of Defense of the State of Israel Concerning  
19 Iron Dome Defense System Procurement,  
20 signed on March 5, 2014, as amended to in-  
21 clude co-production for Tamir interceptors. In  
22 negotiations by the Missile Defense Agency and  
23 the Missile Defense Organization of the Govern-  
24 ment of Israel regarding such production, the  
25 goal of the United States is to maximize oppor-

1           tunities for co-production of the Tamir inter-  
2           ceptors described in paragraph (1) in the  
3           United States by industry of the United States.

4           (B) CERTIFICATION.—Not later than 30  
5           days prior to the initial obligation of funds de-  
6           scribed in paragraph (1), the Director of the  
7           Missile Defense Agency and the Under Sec-  
8           retary of Defense for Acquisition and  
9           Sustainment shall jointly submit to the appro-  
10          priate congressional committees—

11                   (i) a certification that the amended bi-  
12                   lateral international agreement specified in  
13                   subparagraph (A) is being implemented as  
14                   provided in such agreement; and

15                   (ii) an assessment detailing any risks  
16                   relating to the implementation of such  
17                   agreement.

18          (b) ISRAELI COOPERATIVE MISSILE DEFENSE PRO-  
19          GRAM, DAVID'S SLING WEAPON SYSTEM CO-PRODUC-  
20          TION.—

21           (1) IN GENERAL.—Subject to paragraph (2), of  
22           the funds authorized to be appropriated for fiscal  
23           year 2018 for procurement, Defense-wide, and avail-  
24           able for the Missile Defense Agency not more than  
25           \$120,000,000 may be provided to the Government of

1 Israel to procure the David's Sling Weapon System,  
2 including for co-production of parts and components  
3 in the United States by United States industry.

4 (2) CERTIFICATION.—The Under Secretary of  
5 Defense for Acquisition and Sustainment shall sub-  
6 mit to the appropriate congressional committees a  
7 certification that—

8 (A) the Government of Israel has dem-  
9 onstrated the successful completion of the  
10 knowledge points, technical milestones, and pro-  
11 duction readiness reviews required by the re-  
12 search, development, and technology agreement  
13 and the bilateral co-production agreement for  
14 the David's Sling Weapon System;

15 (B) funds specified in paragraph (1) will  
16 be provided on the basis of a one-for-one cash  
17 match made by Israel or in another matching  
18 amount that otherwise meets best efforts (as  
19 mutually agreed to by the United States and  
20 Israel); and

21 (C) the level of co-production of parts,  
22 components, and all-up rounds (if appropriate)  
23 in the United States by United States industry  
24 for the David's Sling Weapon System is not less  
25 than 50 percent.

1 (c) ISRAELI COOPERATIVE MISSILE DEFENSE PRO-  
2 GRAM, ARROW 3 UPPER TIER INTERCEPTOR PROGRAM  
3 CO-PRODUCTION.—

4 (1) IN GENERAL.—Subject to paragraphs (2)  
5 and (3), of the funds authorized to be appropriated  
6 for fiscal year 2018 for procurement, Defense-wide,  
7 and available for the Missile Defense Agency not  
8 more than \$120,000,000 may be provided to the  
9 Government of Israel for the Arrow 3 Upper Tier  
10 Interceptor Program, including for co-production of  
11 parts and components in the United States by  
12 United States industry.

13 (2) LIMITATION ON FUNDING.—None of the  
14 funds authorized to be appropriated in paragraph  
15 (1) may be obligated or expended until 30 days after  
16 the successful completion of two flight tests at a test  
17 range in the United States to validate Arrow Weap-  
18 on System capabilities and interoperability with bal-  
19 listic missile system components of the United  
20 States.

21 (3) CERTIFICATION.—

22 (A) CRITERIA.—Except as provided by  
23 paragraph (4), the Under Secretary of Defense  
24 for Acquisition and Sustainment shall submit to

1 the appropriate congressional committees a cer-  
2 tification that—

3 (i) the Government of Israel has dem-  
4 onstrated the successful completion of the  
5 knowledge points, technical milestones, and  
6 production readiness reviews required by  
7 the research, development, and technology  
8 agreements for the Arrow 3 Upper Tier  
9 Development Program;

10 (ii) funds specified in paragraph (1)  
11 will be provided on the basis of a one-for-  
12 one cash match made by Israel or in an-  
13 other matching amount that otherwise  
14 meets best efforts (as mutually agreed to  
15 by the United States and Israel);

16 (iii) the United States has entered  
17 into a bilateral international agreement  
18 with Israel that establishes, with respect to  
19 the use of such funds—

20 (I) in accordance with clause (iv),  
21 the terms of co-production of parts  
22 and components on the basis of the  
23 greatest practicable co-production of  
24 parts, components, and all-up rounds  
25 (if appropriate) by United States in-

1 industry and minimizes nonrecurring  
2 engineering and facilitization expenses  
3 to the costs needed for co-production;

4 (II) complete transparency on the  
5 requirement of Israel for the number  
6 of interceptors and batteries that will  
7 be procured, including with respect to  
8 the procurement plans, acquisition  
9 strategy, and funding profiles of  
10 Israel;

11 (III) technical milestones for co-  
12 production of parts and components  
13 and procurement;

14 (IV) a joint affordability working  
15 group to consider cost reduction ini-  
16 tiatives; and

17 (V) joint approval processes for  
18 third-party sales; and

19 (iv) the level of co-production de-  
20 scribed in clause (iii)(I) for the Arrow 3  
21 Upper Tier Interceptor Program is not less  
22 than 50 percent.

23 (4) WAIVER.—The Under Secretary may waive  
24 the certification required by paragraph (3) if the  
25 Under Secretary certifies to the appropriate congres-

1 sional committees that the Under Secretary has re-  
2 ceived sufficient data from the Government of Israel  
3 to demonstrate—

4 (A) the funds specified in paragraph (1)  
5 are provided to Israel solely for funding the  
6 procurement of long-lead components and crit-  
7 ical hardware in accordance with a production  
8 plan, including a funding profile detailing  
9 Israeli contributions for production, including  
10 long-lead production, of the Arrow 3 Upper  
11 Tier Interceptor Program;

12 (B) such long-lead components have suc-  
13 cessfully completed knowledge points, technical  
14 milestones, and production readiness reviews;  
15 and

16 (C) the long-lead procurement will be con-  
17 ducted in a manner that maximizes co-produc-  
18 tion in the United States without incurring  
19 nonrecurring engineering activity or cost other  
20 than such activity or cost required for suppliers  
21 of the United States to start or restart produc-  
22 tion in the United States.

23 (d) NUMBER.—In carrying out paragraph (2) of sub-  
24 section (b) and paragraph (3) of subsection (c), the Under  
25 Secretary may submit—

1           (1) one certification covering both the David's  
2           Sling Weapon System and the Arrow 3 Upper Tier  
3           Interceptor Program; or

4           (2) separate certifications for each respective  
5           system.

6           (e) **TIMING.**—The Under Secretary shall submit to  
7           the congressional defense committees the certifications  
8           under paragraph (2) of subsection (b) and paragraph (3)  
9           of subsection (c) by not later than 60 days before the  
10          funds specified in paragraph (1) of subsections (b) and  
11          (c) for the respective system covered by the certification  
12          are provided to the Government of Israel.

13          (f) **APPROPRIATE CONGRESSIONAL COMMITTEES DE-**  
14          **FINED.**—In this section, the term “appropriate congres-  
15          sional committees” means the following:

16                 (1) The congressional defense committees.

17                 (2) The Committee on Foreign Relations of the  
18                 Senate and the Committee on Foreign Affairs of the  
19                 House of Representatives.

20          **SEC. 1652. DEVELOPMENT OF PERSISTENT SPACE-BASED**  
21                                 **SENSOR ARCHITECTURE.**

22           (a) **IN GENERAL.**—Unless otherwise directed or rec-  
23           ommended by the Ballistic Missile Defense Review  
24           (BMDR), the Director of the Missile Defense Agency shall  
25           develop, using sound acquisition practices, a highly reli-

1 able and cost-effective persistent space-based sensor archi-  
2 tecture capable of supporting the ballistic missile defense  
3 system.

4 (b) TESTING AND DEPLOYMENT.—The Director shall  
5 ensure that the sensor architecture developed under sub-  
6 section (a) is rigorously tested before final production de-  
7 cisions or operational deployment.

8 (c) FUNCTIONS.—The sensor architecture developed  
9 under subsection (a) shall include one or more of the fol-  
10 lowing functions:

11 (1) Control of increased raid sizes.

12 (2) Precision tracking of threat missiles.

13 (3) Fire-control-quality tracks of evolving threat  
14 missiles.

15 (4) Enabling of launch-on-remote and engage-  
16 on-remote capabilities.

17 (5) Discrimination of warheads.

18 (6) Effective kill assessment.

19 (7) Enhanced shot doctrine.

20 (8) Integration with the command, control, bat-  
21 tle management, and communication program of the  
22 ballistic missile defense system.

23 (9) Integration with all other elements of the  
24 current ballistic missile defense system, including  
25 the Terminal High Altitude Area Defense, Aegis

1 Ballistic Missile Defense, Aegis Ashore, and Patriot  
2 Air and Missile Defense Systems.

3 (10) Such additional functions as determined by  
4 the Ballistic Missile Defense Review.

5 (d) COST ESTIMATES.—Whenever the Director devel-  
6 ops a cost estimate for the sensor architecture required  
7 by subsection (a), the Director shall use—

8 (1) the cost-estimating and assessment guide of  
9 the Government Accountability Office entitled “GAO  
10 Cost Estimating and Assessment Guide” (GAO-09-  
11 3SP), or a successor guide; or

12 (2) the most current operating and support  
13 cost-estimating guide of the Office of Cost Assess-  
14 ment and Program Evaluation (CAPE).

15 **SEC. 1653. GROUND-BASED INTERCEPTOR CAPACITY AND**  
16 **FORT GREELY MISSILE FIELD INFRASTRUC-**  
17 **TURE REQUIREMENTS.**

18 (a) SENSE OF THE SENATE.—It is the sense of the  
19 Senate that it is the policy of the United States to main-  
20 tain and improve, with the allies of the United States, an  
21 effective, robust layered missile defense system capable of  
22 defending the citizens of the United States residing in ter-  
23 ritories and States of the United States, allies of the  
24 United States, and deployed Armed Forces of the United  
25 States.

1 (b) INCREASE IN CAPACITY.—The Secretary of De-  
2 fense shall, subject to the annual authorization of appro-  
3 priations and the annual appropriation of funds for Na-  
4 tional Missile Defense, increase the number of United  
5 States ground-based interceptors, unless otherwise di-  
6 rected by the Ballistic Missile Defense Review, by up to  
7 28.

8 (c) DEPLOYMENT.—Not later than December 31,  
9 2021, the Secretary of Defense shall—

10 (1) execute any requisite construction to ensure  
11 that Missile Field 1 or Missile Field 2 at Fort  
12 Greely or alternative missile fields at Fort Greely  
13 which may be identified pursuant to subsection (c),  
14 are capable of supporting and sustaining additional  
15 ground-based interceptors;

16 (2) deploy up to 14 additional ground-based  
17 interceptors to Missile Field 1 or an alternative mis-  
18 sile field at Fort Greely as soon as technically fea-  
19 sible; and

20 (3) identify a ground-based interceptor stockpile  
21 storage site for up to 14 ground-based interceptors.

22 (d) REPORT.—

23 (1) IN GENERAL.—Unless otherwise directed or  
24 recommended by the Ballistic Missile Defense Re-  
25 view (BMDR), the Director of the Missile Defense

1 Agency shall submit to the congressional defense  
2 committees, not later than 90 days after the date of  
3 the enactment of this Act, a report on options to in-  
4 crease the capacity of the ground-based midcourse  
5 defense element of the ballistic missile defense sys-  
6 tem and the infrastructure requirements for increas-  
7 ing the number of ground-based interceptors at Fort  
8 Greely, Alaska.

9 (2) CONTENTS.—The report required by para-  
10 graph (1) shall include the following:

11 (A) An identification of potential sites in  
12 the United States, whether existing or new on  
13 the East Coast or in the Midwest, for the de-  
14 ployment of up to 100 additional ground-based  
15 interceptors.

16 (B) A cost-benefit analysis of each such  
17 site, including tactical, operational, and cost-to-  
18 construct considerations.

19 (C) A description of any completed and  
20 outstanding environmental assessments or im-  
21 pact statements for each such site.

22 (D) A description of the existing capacity  
23 of the missile fields at Fort Greely and the in-  
24 frastructure requirements needed to increase  
25 the number of ground-based interceptors at

1 Missile Field 1 and Missile Field 2 to 20  
2 ground-based interceptors each.

3 (E) A description of the additional infra-  
4 structure and components needed to further  
5 outfit such missile fields at Fort Greely before  
6 emplacing additional ground-based interceptors  
7 configured with the redesigned kill vehicle, in-  
8 cluding with respect to ground excavation, silos,  
9 utilities, and support equipment.

10 (F) A cost estimate of such infrastructure  
11 and components.

12 (G) An estimated schedule for completing  
13 such construction as may be required for such  
14 infrastructure and components.

15 (H) An identification of any environmental  
16 assessments or impact studies that would need  
17 to be conducted to expand such missile fields at  
18 Fort Greely beyond current capacity.

19 (I) An operational evaluation and cost  
20 analysis of the deployment of transportable  
21 ground-based interceptors, including an identi-  
22 fication of potential sites, including in the east-  
23 ern United States and at Vandenberg Air Force  
24 Base, and an examination of any environ-  
25 mental, legal, or tactical challenges associated

1 with such deployments, including to any sites  
2 identified in subparagraph (A).

3 (J) A determination of the appropriate  
4 fleet mix of ground-based interceptor kill vehi-  
5 cles and boosters to maximize overall system ef-  
6 fectiveness and increase its capacity and capa-  
7 bility, including the costs and benefits of contin-  
8 ued inclusion of capability enhancement II  
9 (CE-II) Block 1 interceptors after the fielding  
10 of the redesigned kill vehicle.

11 (K) A description of the planned improve-  
12 ments to homeland ballistic missile defense sen-  
13 sor and discrimination capabilities and an as-  
14 sessment of the expected operational benefits of  
15 such improvements to homeland ballistic missile  
16 defense.

17 (L) The benefit of supplementing ground-  
18 based midcourse defense elements with other,  
19 more distributed, elements, including both Aegis  
20 ships and Aegis Ashore installations with  
21 Standard Missile-3 Block IIA and other inter-  
22 ceptors in Hawaii and at other locations for  
23 homeland missile defense.

1           (3) FORM.—The report submitted under para-  
2           graph (1) shall be submitted in unclassified form,  
3           but may include a classified annex.

4 **SEC. 1654. SENSE OF THE SENATE ON THE STATE OF**  
5 **UNITED STATES MISSILE DEFENSE.**

6           It is the sense of the Senate that—

7           (1) the Secretary of Defense should use the  
8           Ballistic Missile Defense Review (BMDR) to con-  
9           sider accelerating the development of technologies  
10          that will increase the capacity, capability, and reli-  
11          ability of the ground-based midcourse defense ele-  
12          ment of the ballistic missile defense system;

13          (2) upon completion of the Ballistic Missile De-  
14          fense Review, the Director of the Missile Defense  
15          Agency should, to the extent practicable and with  
16          sound acquisition practices, accelerate the develop-  
17          ment, testing, and fielding of such capabilities as  
18          they are prioritized in the Ballistic Missile Defense  
19          Review, including the redesigned kill vehicle, the  
20          multi-object kill vehicle, the C3 booster, a space-  
21          based sensor layer, boost phase sensor and kill tech-  
22          nologies, and additional ground-based interceptors;  
23          and

24          (3) in order to achieve these objectives, and to  
25          avoid post-production and post-deployment problems,

1 it is essential for the Department of Defense and the  
2 Missile Defense Agency to follow a “fly before you  
3 buy” approach to adequately test and assess the ele-  
4 ments of the ballistic missile defense system before  
5 final production decisions or operational deployment.

6 **SEC. 1655. SENSE OF THE SENATE AND REPORT ON**  
7 **GROUND-BASED MIDCOURSE DEFENSE TEST-**  
8 **ING.**

9 (a) SENSE OF THE SENATE.—It is the sense of the  
10 Senate that—

11 (1) at a minimum, the Missile Defense Agency  
12 should continue to flight test the ground-based mid-  
13 course defense element at least once each fiscal year;

14 (2) the Department of Defense should allocate  
15 increased funding to homeland missile defense test-  
16 ing to ensure that our defenses continue to evolve  
17 faster than the threats against which they are pos-  
18 tured to defend;

19 (3) in order to rapidly innovate, develop, and  
20 field new technologies, the Director of the Missile  
21 Defense Agency should continue to focus testing  
22 campaigns on delivering increased capabilities to the  
23 Armed Forces as quickly as possible; and

24 (4) the Director of the Missile Defense Agency  
25 should seek to establish a more prudent balance be-

1       tween risk mitigation and the more rapid testing  
2       pace needed to quickly develop and deliver new capa-  
3       bilities to the Armed Forces.

4       (b) REPORT TO CONGRESS.—

5           (1) IN GENERAL.—Not later than 90 days after  
6       the date of the enactment of this Act, the Director  
7       of the Missile Defense Agency shall submit to the  
8       congressional defense committees a revised missile  
9       defense testing campaign plan that accelerates the  
10      development and deployment of new missile defense  
11      technologies.

12          (2) CONTENTS.—The report required by para-  
13      graph (1) shall include the following:

14           (A) A detailed analysis of the acceleration  
15      of each of following programs:

16           (i) Redesigned kill vehicle.

17           (ii) Multi-object kill vehicle.

18           (iii) Configuration-3 Booster.

19           (iv) Lasers mounted on small un-  
20      manned aerial vehicles.

21           (v) Space-based missile defense sensor  
22      architecture.

23           (vi) Such additional technologies as  
24      the Director considers appropriate.

1           (B) A new deployment timeline for each of  
2           the programs in listed in subparagraph (A) or  
3           a detailed description of why the current  
4           timeline for deployment technologies under  
5           those programs is most suitable.

6           (C) An identification of any funding or pol-  
7           icy restrictions that would slow down the de-  
8           ployment of the technologies under the pro-  
9           grams listed in subparagraph (A).

10          (D) A risk assessment of the potential  
11          cost-overruns and deployment delays that may  
12          be encountered in the expedited development  
13          process of the capabilities under paragraph (1).

14          (e) REPORT ON FUNDING PROFILE.—The Director  
15          shall include with the budget justification materials sub-  
16          mitted to Congress in support of the budget of the Depart-  
17          ment of Defense for fiscal year 2019 (as submitted with  
18          the budget of the President under section 1105(a) of title  
19          31, United States Code) a report on the funding profile  
20          necessary for the new testing campaign plan required by  
21          subsection (b)(1).

1 **DIVISION B—MILITARY CON-**  
2 **STRUCTION AUTHORIZA-**  
3 **TIONS**

4 **SEC. 2001. SHORT TITLE.**

5 This division may be cited as the “Military Construc-  
6 tion Authorization Act for Fiscal Year 2018”.

7 **SEC. 2002. EXPIRATION OF AUTHORIZATIONS AND**  
8 **AMOUNTS REQUIRED TO BE SPECIFIED BY**  
9 **LAW.**

10 (a) EXPIRATION OF AUTHORIZATIONS AFTER FIVE  
11 YEARS.—Except as provided in subsection (b), all author-  
12 izations contained in titles XXI through XXVII for mili-  
13 tary construction projects, land acquisition, family housing  
14 projects and facilities, and contributions to the North At-  
15 lantic Treaty Organization Security Investment Program  
16 (and authorizations of appropriations therefor) shall ex-  
17 pire on the later of—

18 (1) October 1, 2022; or

19 (2) the date of the enactment of an Act author-  
20 izing funds for military construction for fiscal year  
21 2023.

22 (b) EXCEPTION.—Subsection (a) shall not apply to  
23 authorizations for military construction projects, land ac-  
24 quisition, family housing projects and facilities, and con-  
25 tributions to the North Atlantic Treaty Organization Se-

1 curity Investment Program (and authorizations of appro-  
2 priations therefor), for which appropriated funds have  
3 been obligated before the later of—

4 (1) October 1, 2022; or

5 (2) the date of the enactment of an Act author-  
6 izing funds for fiscal year 2023 for military con-  
7 struction projects, land acquisition, family housing  
8 projects and facilities, or contributions to the North  
9 Atlantic Treaty Organization Security Investment  
10 Program.

11 (c) EXTENSION OF AUTHORIZATIONS OF FISCAL  
12 YEAR 2016 AND FISCAL YEAR 2017 PROJECTS.—

13 (1) FISCAL YEAR 2016 PROJECTS.—Section  
14 2002 of the Military Construction Authorization Act  
15 for Fiscal Year 2016 (division B of Public Law 114–  
16 92; 129 Stat. 1145) is amended—

17 (A) in subsection (a)—

18 (i) in paragraph (1), by striking  
19 “2018” and inserting “2020”; and

20 (ii) in paragraph (2), by striking  
21 “2019” and inserting “2021”; and

22 (B) in subsection (b)—

23 (i) in paragraph (1), by striking  
24 “2018” and inserting “2020”; and

1 (ii) in paragraph (2), by striking  
2 “2019” and inserting “2021”.

3 (2) FISCAL YEAR 2017 PROJECTS.—Section  
4 2002 of the Military Construction Authorization Act  
5 for Fiscal Year 2017 (division B of Public Law 114–  
6 328; 129 Stat. 1145) is amended—

7 (A) in subsection (a)—

8 (i) in paragraph (1), by striking  
9 “2019” and inserting “2021”; and

10 (ii) in paragraph (2), by striking  
11 “2020” and inserting “2022”; and

12 (B) in subsection (b)—

13 (i) in paragraph (1), by striking  
14 “2019” and inserting “2021”; and

15 (ii) in paragraph (2), by striking  
16 “2020” and inserting “2022”.

17 **SEC. 2003. EFFECTIVE DATE.**

18 Titles XXI through XXVII and title XXIX shall take  
19 effect on the later of—

20 (1) October 1, 2017; or

21 (2) the date of the enactment of this Act.

**TITLE XXI—ARMY MILITARY  
CONSTRUCTION**

**SEC. 2101. AUTHORIZED ARMY CONSTRUCTION AND LAND  
ACQUISITION PROJECTS.**

(a) INSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2103(a) and available for military construction projects inside the United States as specified in the funding table in section 4601, the Secretary of the Army may acquire real property and carry out military construction projects for the installations or locations inside the United States, and in the amounts, set forth in the following table:

**Army: Inside the United States**

| State                | Installation                         | Amount       |
|----------------------|--------------------------------------|--------------|
| Alabama .....        | Fort Rucker .....                    | \$38,000,000 |
| Arizona .....        | Davis-Monthan Air Force Base .....   | \$22,000,000 |
|                      | Fort Huachuca .....                  | \$30,000,000 |
| California .....     | Fort Irwin .....                     | \$3,000,000  |
| Colorado .....       | Fort Carson .....                    | \$29,300,000 |
| Florida .....        | Eglin Air Force Base .....           | \$18,000,000 |
| Georgia .....        | Fort Benning .....                   | \$38,800,000 |
|                      | Fort Gordon .....                    | \$51,500,000 |
| Hawaii .....         | Pohakuloa Training Area .....        | \$25,000,000 |
| Indiana .....        | Crane Army Ammunition Plant .....    | \$24,000,000 |
| New York .....       | United States Military Academy ..... | \$22,000,000 |
| South Carolina ..... | Fort Jackson .....                   | \$60,000,000 |
|                      | Shaw Air Force Base .....            | \$25,000,000 |
| Texas .....          | Camp Bullis .....                    | \$13,600,000 |
|                      | Fort Hood .....                      | \$70,000,000 |
| Virginia .....       | Joint Base Langley-Eustis .....      | \$34,000,000 |
|                      | Joint Base Myer-Henderson .....      | \$20,000,000 |
| Washington .....     | Yakima .....                         | \$19,500,000 |

(b) OUTSIDE THE UNITED STATES.—Using amounts appropriated pursuant to the authorization of appropriations in section 2103(a) and available for military con-

1 construction projects outside the United States as specified  
 2 in the funding table in section 4601, the Secretary of the  
 3 Army may acquire real property and carry out the military  
 4 construction project for the installations or locations out-  
 5 side the United States, and in the amounts, set forth in  
 6 the following table:

**Army: Outside the United States**

| Country       | Installation            | Amount       |
|---------------|-------------------------|--------------|
| Germany ..... | Stuttgart .....         | \$40,000,000 |
|               | Weisbaden .....         | \$43,000,000 |
| Korea .....   | Kunsan Air Base .....   | \$53,000,000 |
| Turkey .....  | Various Locations ..... | \$6,400,000  |

7       (c) CERTIFICATION REQUIREMENT FOR CERTAIN  
 8 PROJECTS.—The Secretary of the Army may not exercise  
 9 the authority provided under subsection (a) with respect  
 10 to the Fort Rucker, Alabama, or the Fort Benning, Geor-  
 11 gia, projects set forth in the table under such subsection  
 12 unless the Secretary of Defense, without delegation, cer-  
 13 tifies to the congressional defense committees that such  
 14 project is essential for Army training.

15 **SEC. 2102. FAMILY HOUSING.**

16       (a) CONSTRUCTION AND ACQUISITION.—Using  
 17 amounts appropriated pursuant to the authorization of ap-  
 18 propriations in section 2103(a) and available for military  
 19 family housing functions as specified in the funding table  
 20 in section 4601, the Secretary of the Army may construct  
 21 or acquire family housing units (including land acquisition  
 22 and supporting facilities) at the installations or locations,

1 in the number of units, and in the amounts set forth in  
 2 the following table:

**Army: Family Housing**

| State/Coun-<br>try | Installation or Location | Units   | Amount       |
|--------------------|--------------------------|---|--------------|
| Georgia .....      | Fort Gordon .....        | Family Housing<br>New Construction            | \$6,100,000  |
| Germany .....      | South Camp Vilseck ..... | Family Housing<br>New Construction            | \$22,445,000 |
| Korea .....        | Camp Humphreys .....     | Family Housing<br>New Construction            | \$34,402,000 |
| Massachusetts      | Natick .....             | Family Housing<br>Replacement<br>Construction | \$21,000,000 |

3 (b) PLANNING AND DESIGN.—Using amounts appro-  
 4 priated pursuant to the authorization of appropriations in  
 5 section 2103(a) and available for military family housing  
 6 functions as specified in the funding table in section 4601,  
 7 the Secretary of the Army may carry out architectural and  
 8 engineering services and construction design activities  
 9 with respect to the construction or improvement of family  
 10 housing units in an amount not to exceed \$33,559,000.

11 **SEC. 2103. AUTHORIZATION OF APPROPRIATIONS, ARMY.**

12 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds  
 13 are hereby authorized to be appropriated for fiscal years  
 14 beginning after September 30, 2017, for military con-  
 15 struction, land acquisition, and military family housing  
 16 functions of the Department of the Army as specified in  
 17 the funding table in section 4601.

18 (b) LIMITATION ON TOTAL COST OF CONSTRUCTION  
 19 PROJECTS.—Notwithstanding the cost variations author-

1 ized by section 2853 of title 10, United States Code, and  
2 any other cost variation authorized by law, the total cost  
3 of all projects carried out under section 2101 of this Act  
4 may not exceed the total amount authorized to be appro-  
5 priated under subsection (a), as specified in the funding  
6 table in section 4601.

7 **SEC. 2104. MODIFICATION OF AUTHORITY TO CARRY OUT**  
8 **CERTAIN FISCAL YEAR 2014 PROJECT.**

9 In the case of the authorization contained in the table  
10 in section 2101(a) of the Military Construction Authoriza-  
11 tion Act for Fiscal Year 2014 (division B of Public Law  
12 113–66; 127 Stat. 986) for Joint Base Lewis-McChord,  
13 Washington, for construction of an airfield operations  
14 complex, the Secretary of the Army may construct standby  
15 generator capacity of 1,000 kilowatts.

16 **SEC. 2105. MODIFICATION OF AUTHORITY TO CARRY OUT**  
17 **CERTAIN FISCAL YEAR 2015 PROJECT.**

18 In the case of the authorization contained in the table  
19 in section 2101(a) of the Military Construction Authoriza-  
20 tion Act for Fiscal Year 2015 (division B of Public Law  
21 113–291; 128 Stat. 3670) for Fort Shafter, Hawaii, for  
22 construction of a command and control facility, the Sec-  
23 retary of the Army may construct 15 megawatts of redun-  
24 dant power generation for a total project amount of  
25 \$370,000,000.

1 **SEC. 2106. EXTENSION OF AUTHORIZATION OF CERTAIN**  
 2 **FISCAL YEAR 2014 PROJECT.**

3 (a) EXTENSION.—Notwithstanding section 2002 of  
 4 the Military Construction Authorization Act for Fiscal  
 5 Year 2014 (division B of Public Law 113–66; 127 Stat.  
 6 985), the authorization set forth in the table in subsection  
 7 (b), as provided in section 2101 of that Act (127 Stat.  
 8 986), shall remain in effect until October 1, 2018, or the  
 9 date of the enactment of an Act authorizing funds for mili-  
 10 tary construction for fiscal year 2019, whichever is later.

11 (b) TABLE.—The table referred to in subsection (a)  
 12 is as follows:

**Army: Extension of 2014 Project Authorizations**

| Country     | Location     | Project                               | Amount       |
|-------------|--------------|---------------------------------------|--------------|
| Japan ..... | Kyoga-Misaki | Company Operations Com-<br>plex ..... | \$33,000,000 |

13 **SEC. 2107. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 14 **FISCAL YEAR 2015 PROJECTS.**

15 (a) EXTENSION.—Notwithstanding section 2002 of  
 16 the Military Construction Authorization Act for Fiscal  
 17 Year 2015 (division B of Public Law 113–291; 128 Stat.  
 18 3669), the authorizations set forth in the table in sub-  
 19 section (b), as provided in section 2101 of that Act (128  
 20 Stat. 3670), shall remain in effect until October 1, 2018,  
 21 or the date of the enactment of an Act authorizing funds  
 22 for military construction for fiscal year 2019, whichever  
 23 is later.

1 (b) TABLE.—The table referred to in subsection (a)  
 2 is as follows:

**Army: Extension of 2015 Project Authorizations**

| State/<br>Country | Installation<br>or Location                   | Project  | Amount        |
|-------------------|---|--|---------------|
| California        | Military<br>Ocean Ter-<br>minal Con-<br>cord. | Access Control Point .....                     | \$9,900,000   |
| Hawaii .....      | Fort Shafter                                  | Command and Control Fa-<br>cility (SCIF) ..... | \$370,000,000 |
| Japan .....       | Kadena Air<br>Base .....                      | Missile Magazine .....                         | \$10,600,000  |
| Texas .....       | Fort Hood ...                                 | Simulation Center .....                        | \$46,000,000  |

3 **TITLE XXII—NAVY MILITARY**  
 4 **CONSTRUCTION**

5 **SEC. 2201. AUTHORIZED NAVY CONSTRUCTION AND LAND**  
 6 **ACQUISITION PROJECTS.**

7 (a) INSIDE THE UNITED STATES.—Using amounts  
 8 appropriated pursuant to the authorization of appropria-  
 9 tions in section 2204(a) and available for military con-  
 10 struction projects inside the United States as specified in  
 11 the funding table in section 4601, the Secretary of the  
 12 Navy may acquire real property and carry out military  
 13 construction projects for the installations or locations in-  
 14 side the United States, and in the amounts, set forth in  
 15 the following table:

**Navy: Inside the United States**

| State            | Installation or Location | Amount        |
|------------------|--------------------------|---------------|
| Arizona .....    | Yuma .....               | \$36,358,000  |
| California ..... | Barstow .....            | \$36,539,000  |
|                  | Camp Pendleton .....     | \$61,139,000  |
|                  | Coronado .....           | \$36,000,000  |
|                  | Lemoore .....            | \$60,828,000  |
|                  | Miramar .....            | \$87,174,000  |
|                  | San Diego .....          | \$108,000,000 |
|                  | Twentynine Palms .....   | \$55,099,000  |

**Navy: Inside the United States**—Continued

| State                | Installation or Location                          | Amount        |
|----------------------|---|---------------|
| Florida .....        | Mayport .....                                     | \$194,818,000 |
| Georgia .....        | Albany .....                                      | \$43,308,000  |
| Hawaii .....         | Kaneohe Bay .....                                 | \$45,512,000  |
| .....                | Joint Base Pearl Harbor-Hickam .....              | \$73,200,000  |
| .....                | Wahiawa .....                                     | \$65,864,000  |
| Maine .....          | Kittery .....                                     | \$61,692,000  |
| North Carolina ..... | Camp Lejeune .....                                | \$168,059,000 |
| .....                | Cherry Point Marine Corps Air Station .....       | \$15,671,000  |
| Virginia .....       | Dam Neck .....                                    | \$29,262,000  |
| .....                | Joint Expeditionary Base Little Creek-Story ..... | \$2,596,000   |
| .....                | Portsmouth .....                                  | \$72,990,000  |
| .....                | Quantico .....                                    | \$23,738,000  |
| .....                | Yorktown .....                                    | \$36,358,000  |
| Washington .....     | Indian Island .....                               | \$44,440,000  |

1           (b) OUTSIDE THE UNITED STATES.—Using amounts  
2 appropriated pursuant to the authorization of appropria-  
3 tions in section 2204(a) and available for military con-  
4 struction projects outside the United States as specified  
5 in the funding table in section 4601, the Secretary of the  
6 Navy may acquire real property and carry out military  
7 construction projects for the installation or location out-  
8 side the United States, and in the amounts, set forth in  
9 the following table:

**Navy: Outside the United States**

| Country        | Installation or Location    | Amount        |
|----------------|-----------------------------|---------------|
| Djibouti ..... | Camp Lemonier .....         | \$13,390,000  |
| Greece .....   | Souda Bay .....             | \$22,045,000  |
| Guam .....     | Joint Region Marianas ..... | \$284,679,000 |
| Japan .....    | Iwakuni .....               | \$21,86,000   |

10 **SEC. 2202. FAMILY HOUSING.**

11           (a) CONSTRUCTION AND ACQUISITION.—Using  
12 amounts appropriated pursuant to the authorization of ap-  
13 propriations in section 2204(a) and available for military  
14 family housing functions as specified in the funding table

1 in section 4601, the Secretary of the Navy may construct  
 2 or acquire family housing units (including land acquisition  
 3 and supporting facilities) at the installation or location,  
 4 in the number of units, and in the amount set forth in  
 5 the following table:

**Navy: Family Housing**

| State                     | Installation or Location | Units   | Amount      |
|---------------------------|--------------------------|---|-------------|
| Bahrain Is-<br>land ..... | Southwest Asia .....     | Construction On-<br>Base General and<br>Flag Officers<br>Quarters | \$2,138,000 |

6 (b) **PLANNING AND DESIGN.**—Using amounts appro-  
 7 priated pursuant to the authorization of appropriations in  
 8 section 2204(a) and available for military family housing  
 9 functions as specified in the funding table in section 4601,  
 10 the Secretary of the Navy may carry out architectural and  
 11 engineering services and construction design activities  
 12 with respect to the construction or improvement of family  
 13 housing units in an amount not to exceed \$4,418,000.

14 **SEC. 2203. IMPROVEMENTS TO MILITARY FAMILY HOUSING**

15 **UNITS.**

16 Subject to section 2825 of title 10, United States  
 17 Code, and using amounts appropriated pursuant to the  
 18 authorization of appropriations in section 2204(a) and  
 19 available for military family housing functions as specified  
 20 in the funding table in section 4601, the Secretary of the

1 Navy may improve existing military family housing units  
2 in an amount not to exceed \$36,251,000.

3 **SEC. 2204. AUTHORIZATION OF APPROPRIATIONS, NAVY.**

4 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds  
5 are hereby authorized to be appropriated for fiscal years  
6 beginning after September 30, 2017, for military con-  
7 struction, land acquisition, and military family housing  
8 functions of the Department of the Navy, as specified in  
9 the funding table in section 4601.

10 (b) LIMITATION ON TOTAL COST OF CONSTRUCTION  
11 PROJECTS.—Notwithstanding the cost variations author-  
12 ized by section 2853 of title 10, United States Code, and  
13 any other cost variation authorized by law, the total cost  
14 of all projects carried out under section 2201 of this Act  
15 may not exceed the total amount authorized to be appro-  
16 priated under subsection (a), as specified in the funding  
17 table in section 4601.

18 **SEC. 2205. EXTENSION OF AUTHORIZATIONS OF CERTAIN**

19 **FISCAL YEAR 2014 PROJECTS.**

20 (a) EXTENSION.—Notwithstanding section 2002 of  
21 the Military Construction Authorization Act for Fiscal  
22 Year 2014 (division B of Public Law 113–66; 127 Stat.  
23 985), the authorizations set forth in the table in sub-  
24 section (b), as provided in section 2201 of that Act (127  
25 Stat. 989) and extended by section 2207 of the Military

1 Construction Authorization Act for Fiscal Year 2017 (di-  
 2 vision B of Public Law 114–328; 130 Stat. 2694), shall  
 3 remain in effect until October 1, 2018, or the date of the  
 4 enactment of an Act authorizing funds for military con-  
 5 struction for fiscal year 2019, whichever is later.

6 (b) TABLE.—The table referred to in subsection (a)  
 7 is as follows:

**Navy: Extension of 2014 Project Authorizations**

| State          | Installation or Location | Project                          | Amount       |
|----------------|--------------------------|----------------------------------|--------------|
| Illinois ..... | Great Lakes .....        | Unaccompanied Housing .....      | \$35,851,000 |
| Nevada .....   | Fallon .....             | Wastewater Treatment Plant ..... | \$11,334,000 |
| Virginia ..... | Quantico .....           | Fuller Road Improvements .....   | \$9,013,000  |

8 **SEC. 2206. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 9 **FISCAL YEAR 2015 PROJECTS.**

10 (a) EXTENSION.—Notwithstanding section 2002 of  
 11 the Military Construction Authorization Act for Fiscal  
 12 Year 2015 (division B of Public Law 113–291; 128 Stat.  
 13 3669), the authorizations set forth in the table in sub-  
 14 section (b), as provided in section 2201 of that Act (128  
 15 Stat. 3675), shall remain in effect until October 1, 2018,  
 16 or the date of the enactment of an Act authorizing funds  
 17 for military construction for fiscal year 2019, whichever  
 18 is later.

19 (b) TABLE.—The table referred to in subsection (a)  
 20 is as follows:

**Navy: Extension of 2015 Project Authorizations**

| <b>State</b>               | <b>Installation or Location</b> | <b>Project</b>   | <b>Amount</b> |
|----------------------------|---------------------------------|--|---------------|
| District of Columbia ..... | NSA Washington ..               | Electronics Science and Technology Lab .....           | \$37,882,000  |
| Maryland .....             | Indian Head .....               | Advanced Energetics Research Lab Complex Phase 2 ..... | \$15,346,000  |

1                   **TITLE XXIII—AIR FORCE**  
2                   **MILITARY CONSTRUCTION**  
3   **SEC. 2301. AUTHORIZED AIR FORCE CONSTRUCTION AND**  
4                   **LAND ACQUISITION PROJECTS.**

5           (a) INSIDE THE UNITED STATES.—Using amounts  
6 appropriated pursuant to the authorization of appropria-  
7 tions in section 2304(a) and available for military con-  
8 struction projects inside the United States as specified in  
9 the funding table in section 4601, the Secretary of the  
10 Air Force may acquire real property and carry out mili-  
11 tary construction projects for the installations or locations  
12 inside the United States, and in the amounts, set forth  
13 in the following table:

**Air Force: Inside the United States**

| <b>State</b>     | <b>Installation or Location</b>  | <b>Amount</b> |
|------------------|----------------------------------|---------------|
| Alaska .....     | Eielson Air Force Base .....     | \$168,900,000 |
| Arkansas .....   | Little Rock Air Force Base ..... | \$20,000,000  |
| Colorado .....   | Buckley Air Force Base .....     | \$38,000,000  |
|                  | Fort Carson .....                | \$13,000,000  |
|                  | U.S. Air Force Academy .....     | \$30,000,000  |
| Florida .....    | Eglin Air Force Base .....       | \$90,700,000  |
|                  | MacDill Air Force Base .....     | \$8,100,000   |
|                  | Tyndall Air Force Base .....     | \$17,000,000  |
| Georgia .....    | Robins Air Force Base .....      | \$9,800,000   |
| Kansas .....     | McConnell Air Force Base .....   | \$17,500,000  |
| Maryland .....   | Joint Base Andrews .....         | \$271,500,000 |
| Nevada .....     | Nellis Air Force Base .....      | \$61,000,000  |
| New Mexico ..... | Cannon Air Force Base .....      | \$42,000,000  |
|                  | Holloman Air Force Base .....    | \$4,250,000   |

**Air Force: Inside the United States**—Continued

| State              | Installation or Location         | Amount        |
|--------------------|----------------------------------|---------------|
|                    | Kirtland Air Force Base .....    | \$9,300,000   |
| North Dakota ..... | Minot Air Force Base .....       | \$27,000,000  |
| Ohio .....         | Wright-Patterson Air Force Base  | \$6,800,000   |
| Oklahoma .....     | Altus Air Force Base .....       | \$20,900,000  |
| Texas .....        | Joint Base San Antonio .....     | \$156,630,000 |
| Utah .....         | Hill Air Force Base .....        | \$28,000,000  |
| Wyoming .....      | F.E. Warren Air Force Base ..... | \$62,000,000  |

1 (b) OUTSIDE THE UNITED STATES.—Using amounts  
2 appropriated pursuant to the authorization of appropria-  
3 tions in section 2304(a) and available for military con-  
4 struction projects outside the United States as specified  
5 in the funding table in section 4601, the Secretary of the  
6 Air Force may acquire real property and carry out mili-  
7 tary construction projects for the installation or location  
8 outside the United States, and in the amounts, set forth  
9 in the following table:

**Air Force: Outside the United States**

| Country                     | Installation or Location        | Amount        |
|-----------------------------|---------------------------------|---------------|
| Australia .....             | Darwin .....                    | \$76,000,000  |
| Italy .....                 | Aviano Air Base .....           | \$27,325,000  |
| Qatar .....                 | Al Udeid .....                  | \$15,000,000  |
| Turkey .....                | Incirlik Air Base .....         | \$25,997,000  |
| United Kingdom .....        | RAF Fairford .....              | \$45,650,000  |
|                             | RAF Lakenheath .....            | \$136,992,000 |
| Worldwide Unspecified ..... | Unspecified Worldwide Locations | \$325,390,000 |

10 **SEC. 2302. FAMILY HOUSING.**

11 Using amounts appropriated pursuant to the author-  
12 ization of appropriations in section 2304(a) and available  
13 for military family housing functions as specified in the  
14 funding table in section 4601, the Secretary of the Air  
15 Force may carry out architectural and engineering serv-  
16 ices and construction design activities with respect to the

1 construction or improvement of family housing units in an  
2 amount not to exceed \$4,445,000.

3 **SEC. 2303. IMPROVEMENTS TO MILITARY FAMILY HOUSING**  
4 **UNITS.**

5 Subject to section 2825 of title 10, United States  
6 Code, and using amounts appropriated pursuant to the  
7 authorization of appropriations in section 2304(a) and  
8 available for military family housing functions as specified  
9 in the funding table in section 4601, the Secretary of the  
10 Air Force may improve existing military family housing  
11 units in an amount not to exceed \$80,617,000.

12 **SEC. 2304. AUTHORIZATION OF APPROPRIATIONS, AIR**  
13 **FORCE.**

14 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds  
15 are hereby authorized to be appropriated for fiscal years  
16 beginning after September 30, 2017, for military con-  
17 struction, land acquisition, and military family housing  
18 functions of the Department of the Air Force, as specified  
19 in the funding table in section 4601.

20 (b) **LIMITATION ON TOTAL COST OF CONSTRUCTION**  
21 **PROJECTS.**—Notwithstanding the cost variations author-  
22 ized by section 2853 of title 10, United States Code, and  
23 any other cost variation authorized by law, the total cost  
24 of all projects carried out under section 2301 of this Act  
25 may not exceed the total amount authorized to be appro-

1 priated under subsection (a), as specified in the funding  
2 table in section 4601.

3 **SEC. 2305. MODIFICATION OF AUTHORITY TO CARRY OUT**  
4 **CERTAIN FISCAL YEAR 2017 PROJECTS.**

5 (a) HANSCOM AIR FORCE BASE.—In the case of the  
6 authorization contained in the table in section 2301(a) of  
7 the Military Construction Authorization Act for Fiscal  
8 Year 2017 (division B of Public Law 114–328; 130 Stat.  
9 2696) for Hanscom Air Force Base, Massachusetts, for  
10 construction of a gate complex at the installation, the Sec-  
11 retary of the Air Force may construct a visitor control  
12 center of 187 square meters, a traffic check house of 294  
13 square meters, and an emergency power generator system  
14 and transfer switch consistent with the Air Force’s con-  
15 struction guidelines.

16 (b) MARIANA ISLANDS.—In the case of the authoriza-  
17 tion contained in the table in section 2301(b) of the Mili-  
18 tary Construction Authorization Act for Fiscal Year 2017  
19 (division B of Public Law 114–328; 130 Stat. 2697) for  
20 acquiring 142 hectares of land at an unspecified location  
21 in the Mariana Islands, the Secretary of the Air Force  
22 may purchase 142 hectares of land on Tinian in the  
23 Northern Mariana Islands for a cost of \$21,900,000.

24 (c) CHABELLEY AIRFIELD.—In the case of the au-  
25 thorization contained in the table in section 2902 of the

1 Military Construction Authorization Act for Fiscal Year  
2 2017 (division B of Public Law 114–328; 130 Stat. 2743)  
3 for Chabelley Airfield, Djibouti, for construction of a park-  
4 ing apron and taxiway at that location, the Secretary of  
5 the Air Force may construct 20,490 square meters of taxi-  
6 way and apron, 8,230 square meters of paved shoulders,  
7 10,650 square meters of hangar pads, and 3,900 square  
8 meters of cargo apron.

9 (d) SCOTT AIR FORCE BASE.—The table in section  
10 4601 of the Military Construction Authorization Act for  
11 Fiscal Year 2017 (division B of Public Law 114–328; 130  
12 Stat. 2877) is amended in the item relating to Scott Air  
13 Force Base, Illinois, by striking “Consolidated Corrosion  
14 Facility add/alter” in the project title column and insert-  
15 ing “Consolidated Communication Facility add/alter”.

16 **SEC. 2306. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
17 **FISCAL YEAR 2015 PROJECTS.**

18 (a) EXTENSION.—Notwithstanding section 2002 of  
19 the Military Construction Authorization Act for Fiscal  
20 Year 2015 (division B of Public Law 113–291; 128 Stat.  
21 3669), the authorizations set forth in the table in sub-  
22 section (b), as provided in section 2301 of that Act (128  
23 Stat. 3679), shall remain in effect until October 1, 2018,  
24 or the date of the enactment of an Act authorizing funds

1 for military construction for fiscal year 2019, whichever  
 2 is later.

3 (b) TABLE.—The table referred to in subsection (a)  
 4 is as follows:

**Air Force: Extension of 2015 Project Authorizations**

| State or Country | Installation or Location | Project                                | Amount       |
|------------------|--------------------------|--|--------------|
| Alaska .....     | Clear Air Force Station  | Emergency Power Plant Fuel Storage     | \$11,500,000 |
| Oklahoma .....   | Tinker Air Force Base    | KC-46 Two-Bay Maintenance Hangar ..... | \$63,000,000 |

5 **TITLE XXIV—DEFENSE AGEN-**  
 6 **CIES MILITARY CONSTRU-**  
 7 **CTION**

8 **SEC. 2401. AUTHORIZED DEFENSE AGENCIES CONSTRU-**  
 9 **CTION AND LAND ACQUISITION PROJECTS.**

10 (a) INSIDE THE UNITED STATES.—Using amounts  
 11 appropriated pursuant to the authorization of appropria-  
 12 tions in section 2403(a) and available for military con-  
 13 struction projects inside the United States as specified in  
 14 the funding table in section 4601, the Secretary of De-  
 15 fense may acquire real property and carry out military  
 16 construction projects for the installations or locations in-  
 17 side the United States, and in the amounts, set forth in  
 18 the following table:

**Defense Agencies: Inside the United States**

| State            | Installation or Location       | Amount        |
|------------------|--------------------------------|---------------|
| California ..... | Camp Pendleton .....           | \$43,642,000  |
|                  | Coronado .....                 | \$258,735,000 |
| Colorado .....   | Schriever Air Force Base ..... | \$10,200,000  |

**Defense Agencies: Inside the United States**—Continued

| <b>State</b>                     | <b>Installation or Location</b>                        | <b>Amount</b> |
|----------------------------------|--|---------------|
| Florida .....                    | Eglin Air Force Base .....                             | \$9,100,000   |
|                                  | Hurlburt Field .....                                   | \$46,400,000  |
| Georgia .....                    | Fort Gordon .....                                      | \$10,350,000  |
| Hawaii .....                     | Kunua .....  | \$5,000,000   |
| Missouri .....                   | Fort Leonard Wood .....                                | \$261,941,000 |
|                                  | St. Louis .....  | \$381,000,000 |
| New Mexico .....                 | Cannon Air Force Base .....                            | \$8,228,000   |
| North Carolina .....             | Camp Lejeune .....                                     | \$90,039,000  |
|                                  | Fort Bragg .....                                       | \$57,778,000  |
|                                  | Seymour Johnson Air Force Base .....                   | \$20,000,000  |
| South Carolina .....             | Shaw Air Force Base .....                              | \$22,900,000  |
| Texas .....                      | Fort Bliss .....                                       | \$8,300,000   |
| Utah .....                       | Hill Air Force Base .....                              | \$20,000,000  |
| Virginia .....                   | Joint Expeditionary Base Little Creek -<br>Story ..... | \$23,000,000  |
|                                  | Norfolk .....  | \$18,500,000  |
|                                  | Pentagon .....   | \$50,100,000  |
|                                  | Portsmouth .....                                       | \$22,500,000  |
| Worldwide Unspec-<br>ified ..... | Unspecified Worldwide Locations .....                  | \$64,364,000  |

1           (b) OUTSIDE THE UNITED STATES.—Using amounts  
2 appropriated pursuant to the authorization of appropria-  
3 tions in section 2403(a) and available for military con-  
4 struction projects outside the United States as specified  
5 in the funding table in section 3002, the Secretary of De-  
6 fense may acquire real property and carry out military  
7 construction projects for the installations or locations out-  
8 side the United States, and in the amounts, set forth in  
9 the following table:

**Defense Agencies: Outside the United States**

| <b>Country</b>    | <b>Installation or Location</b> | <b>Amount</b> |
|-------------------|---------------------------------|---------------|
| Germany .....     | Spangdahlem Air Base .....      | \$79,141,000  |
|                   | Stuttgart .....                 | \$46,609,000  |
| Greece .....      | Souda Bay .....                 | \$18,100,000  |
| Guam .....        | Andersen Air Force Base .....   | \$23,900,000  |
| Italy .....       | Sigonella .....                 | \$22,400,000  |
|                   | Vicenza .....                   | \$62,406,000  |
| Japan .....       | Iwakuni .....                   | \$30,800,000  |
|                   | Kadena Air Base .....           | \$27,573,000  |
|                   | Okinawa .....                   | \$11,900,000  |
|                   | Sasebo .....                    | \$45,600,000  |
|                   | Torii Commo Station .....       | \$25,323,000  |
| Puerto Rico ..... | Punta Borinquen .....           | \$61,071,000  |

**Defense Agencies: Outside the United States**—Continued

| Country        | Installation or Location   | Amount       |
|----------------|----------------------------|--------------|
| United Kingdom | Menwith Hill Station ..... | \$11,000,000 |

1 **SEC. 2402. AUTHORIZED ENERGY CONSERVATION**  
2 **PROJECTS.**

3 Using amounts appropriated pursuant to the author-  
4 ization of appropriations in section 2403(a) and available  
5 for energy conservation projects as specified in the funding  
6 table in section 4601, the Secretary of Defense may carry  
7 out energy conservation projects under chapter 173 of title  
8 10, United States Code, in the amount set forth in the  
9 table.

10 **SEC. 2403. AUTHORIZATION OF APPROPRIATIONS, DE-**  
11 **FENSE AGENCIES.**

12 (a) **AUTHORIZATION OF APPROPRIATIONS.**—Funds  
13 are hereby authorized to be appropriated for fiscal years  
14 beginning after September 30, 2017, for military con-  
15 struction, land acquisition, and military family housing  
16 functions of the Department of Defense (other than the  
17 military departments), as specified in the funding table  
18 in section 4601.

19 (b) **LIMITATION ON TOTAL COST OF CONSTRUCTION**  
20 **PROJECTS.**—Notwithstanding the cost variations author-  
21 ized by section 2853 of title 10, United States Code, and  
22 any other cost variation authorized by law, the total cost  
23 of all projects carried out under section 2401 of this Act

1 may not exceed the total amount authorized to be appro-  
2 priated under subsection (a), as specified in the funding  
3 table in section 4601.

4 **SEC. 2404. MODIFICATION OF AUTHORITY TO CARRY OUT**  
5 **CERTAIN FISCAL YEAR 2017 PROJECT.**

6 In the case of the authorization in the table in section  
7 2401(b) of the Military Construction Authorization Act  
8 for Fiscal Year 2017 (Public Law 114–328; 130 Stat.  
9 2700) for Kaiserslautern, Germany, for construction of  
10 the Sembach Elementary/Middle School Replacement, the  
11 Secretary of Defense may construct an elementary school.

12 **SEC. 2405. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
13 **FISCAL YEAR 2014 PROJECTS.**

14 (a) **EXTENSION.**—Notwithstanding section 2002 of  
15 the Military Construction Authorization Act for Fiscal  
16 Year 2014 (division B of Public Law 113–66; 127 Stat.  
17 985), the authorizations set forth in the table in sub-  
18 section (b), as provided in section 2401 of that Act (127  
19 Stat. 995) and extended by section 2406 of the Military  
20 Construction Authorization Act for Fiscal Year 2017 (di-  
21 vision B of Public Law 114–328; 130 Stat. 2702), shall  
22 remain in effect until October 1, 2018, or the date of the  
23 enactment of an Act authorizing funds for military con-  
24 struction for fiscal year 2019, whichever is later.

1 (b) TABLE.—The table referred to in subsection (a)  
 2 is as follows:

**Defense Agencies: Extension of 2014 Project Authorizations**

| State/Country  | Installation or Location         | Project   | Amount       |
|----------------|----------------------------------|---|--------------|
| United Kingdom | RAF Lakenheath .....             | Lakenheath Middle/High School Replacement ..... | \$69,638,000 |
| Virginia ..... | Marine Corps Base Quantico ..... | Quantico Middle/High School Replacement .....   | \$40,586,000 |
|                | Pentagon .....                   | PFPFA Support Operations Center .....           | \$14,800,000 |

3 **SEC. 2406. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 4 **FISCAL YEAR 2015 PROJECTS.**

5 (a) EXTENSION.—Notwithstanding section 2002 of  
 6 the Military Construction Authorization Act for Fiscal  
 7 Year 2015 (division B of Public Law 113–291; 128 Stat.  
 8 3669), the authorizations set forth in the table in sub-  
 9 section (b), as provided in section 2401 of that Act (128  
 10 Stat. 3681), shall remain in effect until October 1, 2018,  
 11 or the date of the enactment of an Act authorizing funds  
 12 for military construction for fiscal year 2019, whichever  
 13 is later.

14 (b) TABLE.—The table referred to in subsection (a)  
 15 is as follows:

**Defense Agencies: Extension of 2015 Project Authorizations**

| State/Country   | Installation or Location | Project   | Amount       |
|-----------------|--------------------------|---|--------------|
| Australia ..... | Geraldton .....          | Combined Communications Gateway Geraldton .....   | \$9,600,000  |
| Belgium .....   | Brussels .....           | Brussels Elementary/High School Replacement ..... | \$41,626,000 |

**Defense Agencies: Extension of 2015 Project Authorizations—**  
Continued

| <b>State/Country</b> | <b>Installation or Location</b>           | <b>Project</b>                                      | <b>Amount</b> |
|----------------------|---|---|---------------|
| Japan .....          | Okinawa .....                             | Kubasaki High School Replacement/Renovation ...     | \$99,420,000  |
|                      | Sasebo .....                              | E.J. King High School Replacement/Renovation ...    | \$37,681,000  |
| Mississippi .....    | Stennis .....                             | SOF Land Acquisition Western Maneuver Area .....    | \$17,224,000  |
| New Mexico .....     | Cannon Air Force Base                     | SOF Squadron Operations Facility (STS) .....        | \$23,333,000  |
| Virginia .....       | Defense Distribution Depot Richmond ..... | Replace Access Control Point .....                  | \$5,700,000   |
|                      | Joint Base Langley-Eustis .....           | Hospital Addition/Central Utility Plant Replacement | \$41,200,000  |
|                      | Pentagon .....                            | Redundant Chilled Water Loop .....                  | \$15,100,000  |

1       **TITLE XXV—INTERNATIONAL**  
2                   **PROGRAMS**  
3       **Subtitle A—North Atlantic Treaty**  
4           **Organization Security Invest-**  
5           **ment Program**

6       **SEC. 2501. AUTHORIZED NATO CONSTRUCTION AND LAND**  
7                   **ACQUISITION PROJECTS.**

8           The Secretary of Defense may make contributions for  
9 the North Atlantic Treaty Organization Security Invest-  
10 ment Program as provided in section 2806 of title 10,  
11 United States Code, in an amount not to exceed the sum  
12 of the amount authorized to be appropriated for this pur-  
13 pose in section 2502 and the amount collected from the

1 North Atlantic Treaty Organization as a result of con-  
 2 struction previously financed by the United States.

3 **SEC. 2502. AUTHORIZATION OF APPROPRIATIONS, NATO.**

4 Funds are hereby authorized to be appropriated for  
 5 fiscal years beginning after September 30, 2017, for con-  
 6 tributions by the Secretary of Defense under section 2806  
 7 of title 10, United States Code, for the share of the United  
 8 States of the cost of projects for the North Atlantic Treaty  
 9 Organization Security Investment Program authorized by  
 10 section 2501 as specified in the funding table in section  
 11 4601.

12 **Subtitle B—Host Country In-kind**  
 13 **Contributions**

14 **SEC. 2511. REPUBLIC OF KOREA FUNDED CONSTRUCTION**  
 15 **PROJECTS.**

16 Pursuant to agreement with the Republic of Korea  
 17 for required in-kind contributions, the Secretary of De-  
 18 fense may accept military construction projects for the in-  
 19 stallations or locations, and in the amounts, set forth in  
 20 the following table:

**Republic of Korea Funded Construction Projects**

| Country     | Component  | Installation or Location | Project   | Amount       |
|-------------|------------|--------------------------|---|--------------|
| Korea ..... | Army ..... | Camp Humphreys .....     | Unaccompanied Enlisted Personnel Housing, Phase 1 ... | \$76,000,000 |
|             | Army ..... | Camp Humphreys .....     | Type I Aircraft Parking Apron                         | \$10,000,000 |

**Republic of Korea Funded Construction Projects**—Continued

| Country | Component       | Installation or Location | Project  | Amount       |
|---------|-----------------|--------------------------|--|--------------|
|         | Air Force ..... | Kunsan Air Base .....    | Construct Airfield Damage Repair Warehouse ..... | \$6,500,000  |
|         | Air Force ..... | Osan Air Base            | Main Gate Entry Control Facilities .....         | \$13,000,000 |

1 **SEC. 2512. MODIFICATION OF AUTHORITY TO CARRY OUT**  
2 **CERTAIN FISCAL YEAR 2017 PROJECTS.**

3 (a) **CAMP HUMPHREYS.**—In the case of the author-  
4 ization contained in the table in section 2511 of the Mili-  
5 tary Construction Authorization Act for Fiscal Year 2017  
6 (division B of Public Law 114–328; 130 Stat. 2704) for  
7 Camp Humphreys, Republic of Korea, for construction of  
8 the 8th Army Correctional Facility, the Secretary of De-  
9 fense may construct a level 1 correctional facility of  
10 26,000 square feet and a utility and tool storage building  
11 of 400 square feet.

12 (b) **K–16 AIR BASE.**—In the case of the authoriza-  
13 tion contained in the table in section 2511 of the Military  
14 Construction Authorization Act for Fiscal Year 2017 (di-  
15 vision B of Public Law 114–328; 130 Stat. 2704) for the  
16 K–16 Air Base, Republic of Korea, for renovation of the  
17 Special Operations Forces (SOF) Operations Facility, B–  
18 606, the Secretary of Defense may renovate an operations  
19 administration area of 5,500 square meters.

1           **TITLE XXVI—GUARD AND**  
 2           **RESERVE FORCES FACILITIES**  
 3           **Subtitle A—Project Authorizations**  
 4           **and Authorization of Appropria-**  
 5           **tions**

6           **SEC. 2601. AUTHORIZED ARMY NATIONAL GUARD CON-**  
 7                           **STRUCTION AND LAND ACQUISITION**  
 8                           **PROJECTS.**

9           Using amounts appropriated pursuant to the author-  
 10          ization of appropriations in section 2606 and available for  
 11          the National Guard and Reserve as specified in the fund-  
 12          ing table in section 4601, the Secretary of the Army may  
 13          acquire real property and carry out military construction  
 14          projects for the Army National Guard locations inside the  
 15          United States, and in the amounts, set forth in the fol-  
 16          lowing table:

**Army National Guard**

| State            | Location                            | Amount       |
|------------------|-------------------------------------|--------------|
| Delaware .....   | New Castle .....                    | \$36,000,000 |
| Idaho .....      | Mission Training Center Gowen ..... | \$9,000,000  |
|                  | Orchard Training Area .....         | \$22,000,000 |
| Iowa .....       | Camp Dodge .....                    | \$8,500,000  |
| Kansas .....     | Fort Leavenworth .....              | \$19,000,000 |
| Maine .....      | Presque Isle .....                  | \$17,500,000 |
| Maryland .....   | Sykesville .....                    | \$19,000,000 |
| Minnesota .....  | Arden Hills .....                   | \$39,000,000 |
| Missouri .....   | Springfield .....                   | \$32,000,000 |
| New Mexico ..... | Las Cruces .....                    | \$8,600,000  |
| Virginia .....   | Fort Belvoir .....                  | \$15,000,000 |
|                  | Fort Pickett .....                  | \$4,550,000  |
| Washington ..... | Tumwater .....                      | \$31,000,000 |

1 **SEC. 2602. AUTHORIZED ARMY RESERVE CONSTRUCTION**  
 2 **AND LAND ACQUISITION PROJECTS.**

3 Using amounts appropriated pursuant to the author-  
 4 ization of appropriations in section 2606 and available for  
 5 the National Guard and Reserve as specified in the fund-  
 6 ing table in section 4601, the Secretary of the Army may  
 7 acquire real property and carry out military construction  
 8 projects for the Army Reserve locations inside the United  
 9 States, and in the amounts, set forth in the following  
 10 table:

**Army Reserve**

| <b>State</b>      | <b>Location</b>                       | <b>Amount</b> |
|-------------------|---------------------------------------|---------------|
| California .....  | Fallbrook .....                       | \$36,000,000  |
| Delaware .....    | Newark .....                          | \$19,500,000  |
| Ohio .....        | Wright-Patterson Air Force Base ..... | \$9,100,000   |
| Puerto Rico ..... | Aguadilla .....                       | \$12,400,000  |
| Washington .....  | Joint Base Lewis-McChord .....        | \$30,000,000  |
| Wisconsin .....   | Fort McCoy .....                      | \$13,000,000  |

11 **SEC. 2603. AUTHORIZED NAVY RESERVE AND MARINE**  
 12 **CORPS RESERVE CONSTRUCTION AND LAND**  
 13 **ACQUISITION PROJECTS.**

14 Using amounts appropriated pursuant to the author-  
 15 ization of appropriations in section 2606 and available for  
 16 the National Guard and Reserve as specified in the fund-  
 17 ing table in section 4601, the Secretary of the Navy may  
 18 acquire real property and carry out military construction  
 19 projects for the Navy Reserve and Marine Corps Reserve  
 20 locations inside the United States, and in the amounts,  
 21 set forth in the following table:

**Navy Reserve and Marine Corps Reserve**

| <b>State</b>     | <b>Location</b>                       | <b>Amount</b> |
|------------------|---------------------------------------|---------------|
| California ..... | Lemoore .....                         | \$17,330,000  |
| Georgia .....    | Fort Gordon .....                     | \$17,797,000  |
| New Jersey ..... | Joint Base McGuire-Dix-Lakehurst .... | \$11,573,000  |
| Texas .....      | Fort Worth .....                      | \$12,637,000  |

1 **SEC. 2604. AUTHORIZED AIR NATIONAL GUARD CONSTRUC-**  
2 **TION AND LAND ACQUISITION PROJECTS.**

3 Using amounts appropriated pursuant to the author-  
4 ization of appropriations in section 2606 and available for  
5 the National Guard and Reserve as specified in the fund-  
6 ing table in section 4601, the Secretary of the Air Force  
7 may acquire real property and carry out military construc-  
8 tion projects for the Air National Guard locations inside  
9 the United States, and in the amounts, set forth in the  
10 following table:

**Air National Guard**

| <b>State</b>       | <b>Location</b>                     | <b>Amount</b> |
|--------------------|-------------------------------------|---------------|
| California .....   | March Air Force Base .....          | \$15,000,000  |
| Colorado .....     | Peterson Air Force Base .....       | \$8,000,000   |
| Connecticut .....  | Bradley IAP .....                   | \$7,000,000   |
| Indiana .....      | Hulman Regional Airport .....       | \$8,000,000   |
| Kentucky .....     | Louisville IAP .....                | \$9,000,000   |
| Mississippi .....  | Jackson International Airport ..... | \$8,000,000   |
| Missouri .....     | Rosecrans Memorial Airport .....    | \$10,000,000  |
| New York .....     | Hancock Field .....                 | \$6,800,000   |
| Ohio .....         | Toledo Express Airport .....        | \$15,000,000  |
| Oklahoma .....     | Tulsa International Airport .....   | \$8,000,000   |
| Oregon .....       | Klamath Falls IAP .....             | \$18,500,000  |
| South Dakota ..... | Joe Foss Field .....                | \$12,000,000  |
| Tennessee .....    | McGhee-Tyson Airport .....          | \$25,000,000  |

11 **SEC. 2605. AUTHORIZED AIR FORCE RESERVE CONSTRUC-**  
12 **TION AND LAND ACQUISITION PROJECTS.**

13 (a) LOCATIONS INSIDE THE UNITED STATES.—  
14 Using amounts appropriated pursuant to the authoriza-

1 tion of appropriations in section 2606 and available for  
 2 the National Guard and Reserve as specified in the fund-  
 3 ing table in section 4601, the Secretary of the Air Force  
 4 may acquire real property and carry out military construc-  
 5 tion projects for the Air Force Reserve locations inside  
 6 the United States, and in the amounts, set forth in the  
 7 following table:

**Air Force Reserve: Inside the United States**

| State                | Location  | Amount       |
|----------------------|---|--------------|
| Florida .....        | Patrick Air Force Base .....                        | \$25,000,000 |
| Georgia .....        | Robins Air Force Base .....                         | \$32,000,000 |
| Hawaii .....         | Joint Base Pearl Harbor-Hickam .....                | \$5,500,000  |
| Utah .....           | Hill Air Force Base .....                           | \$3,100,000  |
| Massachusetts .....  | Westover Air Reserve Base .....                     | \$61,100,000 |
| Minnesota .....      | Minneapolis-St. Paul International<br>Airport.      | \$9,000,000  |
| North Carolina ..... | Seymour Johnson Air Force Base .....                | \$6,400,000  |
| Texas .....          | Naval Air Station Joint Reserve Base<br>Fort Worth. | \$3,100,000  |

8 (b) LOCATIONS OUTSIDE THE UNITED STATES.—  
 9 Using amounts appropriated pursuant to the authoriza-  
 10 tion of appropriations in section 2606 and available for  
 11 the National Guard and Reserve as specified in the fund-  
 12 ing table in section 4601, the Secretary of the Air Force  
 13 may acquire real property and carry out military construc-  
 14 tion projects for the Air Force Reserve location outside  
 15 the United States, and in the amount, set forth in the  
 16 following table:

**Air Force Reserve: Outside the United States**

| Country    | Location                    | Amount      |
|------------|-----------------------------|-------------|
| Guam ..... | Joint Region Marianas ..... | \$5,200,000 |

1 **SEC. 2606. AUTHORIZATION OF APPROPRIATIONS, NA-**  
2 **TIONAL GUARD AND RESERVE.**

3 Funds are hereby authorized to be appropriated for  
4 fiscal years beginning after September 30, 2017, for the  
5 costs of acquisition, architectural and engineering services,  
6 and construction of facilities for the Guard and Reserve  
7 Forces, and for contributions therefor, under chapter  
8 1803 of title 10, United States Code (including the cost  
9 of acquisition of land for those facilities), as specified in  
10 the funding table in section 4601.

11 **Subtitle B—Other Matters**

12 **SEC. 2611. MODIFICATION OF AUTHORITY TO CARRY OUT**  
13 **CERTAIN FISCAL YEAR 2015 PROJECT.**

14 In the case of the authorization contained in the table  
15 in section 2602 of the Military Construction Authorization  
16 Act for Fiscal Year 2015 (division B of Public Law 113–  
17 291; 128 Stat. 3688) for Starkville, Mississippi, for con-  
18 struction of an Army Reserve Center at that location, the  
19 Secretary of the Army may acquire approximately fifteen  
20 acres (653,400 square feet) of land.

21 **SEC. 2612. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
22 **FISCAL YEAR 2014 PROJECTS.**

23 (a) **EXTENSION.**—Notwithstanding section 2002 of  
24 the Military Construction Authorization Act for Fiscal  
25 Year 2014 (division B of Public Law 113–66; 127 Stat.  
26 985), the authorizations set forth in the table in sub-

1 section (b), as provided in section 2602, 2604, and 2605  
 2 of that Act (127 Stat. 1001, 1002), shall remain in effect  
 3 until October 1, 2018, or the date of the enactment of  
 4 an Act authorizing funds for military construction for fis-  
 5 cal year 2019, whichever is later.

6 (b) TABLE.—The table referred to in subsection (a)  
 7 is as follows:

**National Guard and Reserve: Extension of 2014 Project  
 Authorizations**

| State          | Installation or Loca-<br>tion       | Project   | Amount       |
|----------------|-------------------------------------|---|--------------|
| Florida .....  | Homestead Air Reserve<br>Base ..... | Entry Control Com-<br>plex .....                        | \$9,800,000  |
| Maryland ..... | Fort Meade .....                    | 175th Network War-<br>fare Squadron Fa-<br>cility ..... | \$4,000,000  |
| New York ..... | Bullville .....                     | Army Reserve Center                                     | \$14,500,000 |

8 **SEC. 2613. EXTENSION OF AUTHORIZATIONS OF CERTAIN**  
 9 **FISCAL YEAR 2015 PROJECTS.**

10 (a) EXTENSION.—Notwithstanding section 2002 of  
 11 the Military Construction Authorization Act for Fiscal  
 12 Year 2015 (division B of Public Law 113–291; 128 Stat.  
 13 3669), the authorizations set forth in the table in sub-  
 14 section (b), as provided in sections 2602 and 2604 of that  
 15 Act (128 Stat. 3688, 3689), shall remain in effect until  
 16 October 1, 2018, or the date of the enactment of an Act  
 17 authorizing funds for military construction for fiscal year  
 18 2019, whichever is later.

19 (b) TABLE.—The table referred to in subsection (a)  
 20 is as follows:

**Army Reserve: Extension of 2015 Project Authorizations**

| <b>State</b>      | <b>Location</b>                         | <b>Project</b>  | <b>Amount</b> |
|-------------------|---|---|---------------|
| Mississippi ..... | Starkville .....                        | Army Reserve Center   | \$9,300,000   |
| New Hampshire     | Pease International<br>Trade Port ..... | KC-46A ADAL Air-<br>field Pavements<br>and Hydrant Sys-<br>tems ..... | \$7,100,000   |

1 **TITLE XXVII—BASE REALIGN-**  
2 **MENT AND CLOSURE ACTIVI-**  
3 **TIES**

4 **SEC. 2701. AUTHORIZATION OF APPROPRIATIONS FOR**  
5 **BASE REALIGNMENT AND CLOSURE ACTIVI-**  
6 **TIES FUNDED THROUGH DEPARTMENT OF**  
7 **DEFENSE BASE CLOSURE ACCOUNT.**

8 Funds are hereby authorized to be appropriated for  
9 fiscal years beginning after September 30, 2017, for base  
10 realignment and closure activities, including real property  
11 acquisition and military construction projects, as author-  
12 ized by the Defense Base Closure and Realignment Act  
13 of 1990 (part A of title XXIX of Public Law 101–510;  
14 10 U.S.C. 2687 note) and funded through the Department  
15 of Defense Base Closure Account established by section  
16 2906 of such Act (as amended by section 2711 of the Mili-  
17 tary Construction Authorization Act for Fiscal Year 2013  
18 (division B of Public Law 112–239; 126 Stat. 2140)), as  
19 specified in the funding table in section 4601.

1 **SEC. 2702. PROHIBITION ON CONDUCTING ADDITIONAL**  
 2 **BASE REALIGNMENT AND CLOSURE (BRAC)**  
 3 **ROUND.**

4 Nothing in this Act shall be construed to authorize  
 5 an additional Base Realignment and Closure (BRAC)  
 6 round.

7 **TITLE XXVIII—MILITARY CON-**  
 8 **STRUCTION AND GENERAL**  
 9 **PROVISIONS**

10 **Subtitle A—Military Construction**  
 11 **Program and Military Family**  
 12 **Housing Changes**

13 **SEC. 2801. AUTHORITY TO USE EXPIRING FUNDS FOR CER-**  
 14 **TAIN MILITARY CONSTRUCTION PROJECTS.**

15 (a) **ARMY AUTHORITY TO PURCHASE PROPERTY FOR**  
 16 **EXPANSION OF CEMETERIES.**—Subchapter I of chapter  
 17 169 of title 10, United States Code, is amended by adding  
 18 at the end the following new section:

19 **“§ 2815. Army authority to use expiring funds to pur-**  
 20 **chase property for expansion of ceme-**  
 21 **teries**

22 “Of funds appropriated after the date of the enact-  
 23 ment of this Act for the Army that remain unobligated  
 24 and are due to expire at the end of the fiscal year, up  
 25 to \$10,000,000 may be available for the Secretary of the  
 26 Army for the following fiscal year to purchase public or

1 private property for the sole purpose of long-term expan-  
 2 sion of cemeteries under the jurisdiction of the Sec-  
 3 retary.”.

4 (b) NAVY AUTHORITY TO PURCHASE PROPERTY FOR  
 5 ENHANCING INSTALLATION SECURITY.—Subchapter I of  
 6 chapter 169 of title 10, United States Code, as amended  
 7 by subsection (a), is further amended by adding at the  
 8 end the following new section:

9 **“§ 2816. Navy authority to use expiring funds to pur-  
 10 chase property for enhancing installation  
 11 security**

12 “Of funds appropriated after the date of the enact-  
 13 ment of this Act for the Navy that remain unobligated  
 14 and are due to expire at the end of the fiscal year, up  
 15 to \$10,000,000 may be available for the Secretary of the  
 16 Navy for the following fiscal year to purchase public or  
 17 private property that is otherwise in an area surrounded  
 18 by a military installation under the jurisdiction of the Sec-  
 19 retary of the Navy for the purpose of enhancing the secu-  
 20 rity of the installation.”.

21 (c) CLERICAL AMENDMENT.—The table of sections  
 22 at the beginning of such subchapter is amended by insert-  
 23 ing after the item relating to section 2814 the following  
 24 new items:

“2815. Army authority to use expiring funds to purchase property for expansion  
 of cemeteries.

“2816. Navy authority to use expiring funds to purchase property for enhancing installation security.”.

1 **SEC. 2802. EXTENSION OF TEMPORARY, LIMITED AUTHOR-**  
 2 **ITY TO USE OPERATION AND MAINTENANCE**  
 3 **FUNDS FOR CONSTRUCTION PROJECTS IN**  
 4 **CERTAIN AREAS OUTSIDE THE UNITED**  
 5 **STATES.**

6 (a) EXTENSION OF AUTHORITY.—Subsection (h) of  
 7 section 2808 of the Military Construction Authorization  
 8 Act for Fiscal Year 2004 (division B of Public Law 108–  
 9 136; 117 Stat. 1723), as most recently amended by sec-  
 10 tion 2804 of the Military Construction Authorization Act  
 11 for Fiscal Year 2017 (Public Law 114–328), is amend-  
 12 ed—

13 (1) in paragraph (1), by striking “December  
 14 31, 2017” and inserting “December 31, 2018”; and

15 (2) in paragraph (2), by striking “fiscal year  
 16 2018” and inserting “fiscal year 2019”.

17 (b) LIMITATION ON USE OF AUTHORITY.—Sub-  
 18 section (c)(1) of such section 2808 is amended—

19 (1) by striking “October 1, 2016” and inserting  
 20 “October 1, 2017”;

21 (2) by striking “December 31, 2017” and in-  
 22 serting “December 31, 2018”; and

23 (3) by striking “fiscal year 2018” and inserting  
 24 “fiscal year 2019”.

1           **Subtitle B—Real Property and**  
2           **Facilities Administration**

3   **SEC. 2811. AUTHORITY TO USE ENERGY COST SAVINGS FOR**  
4           **ENERGY RESILIENCE, MISSION ASSURANCE,**  
5           **AND WEATHER DAMAGE REPAIR AND PRE-**  
6           **VENTION MEASURES.**

7           Section 2912(b)(1) of title 10, United States Code,  
8 is amended by striking “energy conservation and” and in-  
9 serting “energy resilience, mission assurance, weather  
10 damage repair and prevention, energy conservation, and”.

11   **SEC. 2812. MODIFICATION OF UNSPECIFIED MINOR MILI-**  
12           **TARY CONSTRUCTION PROJECT AUTHORITY**  
13           **TO COVER CORRECTION OF DEFICIENCIES**  
14           **THAT ARE THREATS TO INSTALLATION RE-**  
15           **SILIENCE.**

16           Section 2805(a)(2) of title 10, United States Code,  
17 is amended by striking “or safety-threatening” and insert-  
18 ing “safety-threatening, or a threat to the military mission  
19 and installation’s resilience”.

1 **SEC. 2813. LAND EXCHANGE VALUATION OF PROPERTY**  
2 **WITH REDUCED DEVELOPMENT THAT LIMITS**  
3 **ENCROACHMENT ON MILITARY INSTALLA-**  
4 **TIONS.**

5 (a) IN GENERAL.—Chapter 159 of title 10, United  
6 States Code, is amended by adding at the end the fol-  
7 lowing new section:

8 **“§ 2698. Land exchange valuation of property with re-**  
9 **duced development that limits encroach-**  
10 **ment on military installations**

11 “For purposes of calculating the fair market value  
12 of a parcel of real property to be conveyed to the Depart-  
13 ment of Defense as part of a land exchange, any reduction  
14 in value of the real property due to voluntary actions taken  
15 by the public or private owner of such property to limit  
16 encroachment on a military installation or otherwise limit  
17 development shall not be taken into account.”.

18 (b) CLERICAL AMENDMENT.—The table of sections  
19 at the beginning of such chapter is amended by inserting  
20 after the item relating to section 2697 the following new  
21 item:

“2698. Land exchange valuation of property with reduced develop-  
ment that limits encroachment on military installations.”.

1 **SEC. 2814. TREATMENT OF STORM WATER COLLECTION**  
2 **SYSTEMS AS UTILITY SYSTEMS.**

3 Section 2688(i)(1) of title 10, United States Code,  
4 is amended—

5 (1) by redesignating subparagraphs (D), (E),  
6 and (F) as subparagraphs (E), (F), and (G), respec-  
7 tively; and

8 (2) by inserting after subparagraph (C) the fol-  
9 lowing new subparagraph:

10 “(D) A system for the collection or treatment  
11 of storm water.”.

12 **SEC. 2815. ACCESS TO MILITARY INSTALLATIONS BY**  
13 **TRANSPORTATION NETWORK COMPANIES.**

14 Section 346 of the National Defense Authorization  
15 Act for Fiscal Year 2017 (Public Law 114–328) is amend-  
16 ed—

17 (1) in the section heading, by inserting “**AND**  
18 **TRANSPORTATION NETWORK COMPANIES**” after  
19 “**TRANSPORTATION COMPANIES**”;

20 (2) in subsections (b), (c), and (d), by inserting  
21 “or transportation network company” after “trans-  
22 portation company” each places it appears;

23 (3) in subsection (b)(7), by inserting “and  
24 transportation network companies” after “transpor-  
25 tation companies”; and

26 (4) in subsection (d)—

1 (A) by redesignating paragraph (2) as  
2 paragraph (3);

3 (B) by striking paragraph (1) and insert-  
4 ing the following new paragraphs:

5 “(1) TRANSPORTATION COMPANY.—The term  
6 ‘transportation company’ means a corporation, part-  
7 nership, sole proprietorship, or other entity outside  
8 of the Department of Defense that provides a com-  
9 mercial transportation service to a rider.

10 “(2) TRANSPORTATION NETWORK COMPANY.—  
11 The term ‘transportation network company’—

12 “(A) means a corporation, partnership,  
13 sole proprietorship, or other entity, that uses a  
14 digital network to connect riders to covered  
15 drivers in order for the driver to transport the  
16 rider using a vehicle owned, leased, or otherwise  
17 authorized for use by the driver to a point cho-  
18 sen by the rider; and

19 “(B) does not include a shared-expense  
20 carpool or vanpool arrangement that is not in-  
21 tended to generate profit for the driver.”; and

22 (C) in subparagraph (A)(i) of paragraph  
23 (3), as redesignated by subparagraph (A) of  
24 this paragraph, by inserting “or transportation

1 network company” after “transportation com-  
2 pany”.

### 3 **Subtitle C—Land Conveyances**

#### 4 **SEC. 2821. LAND CONVEYANCE, NATICK SOLDIER SYSTEMS** 5 **CENTER, MASSACHUSETTS.**

6 (a) CONVEYANCE AUTHORIZED.—The Secretary of  
7 the Army may convey all right, title, and interest of the  
8 United States in and to parcels of real property, including  
9 improvements thereon, consisting of approximately 98  
10 acres located in the vicinity of Hudson, Wayland, and  
11 Needham, Massachusetts, that are the sites of military  
12 family housing supporting military personnel assigned to  
13 the U.S. Army Natick Soldier Systems Center.

14 (b) COMPETITIVE SALE REQUIREMENT.—The Sec-  
15 retary shall use competitive procedures for the conveyance  
16 authorized under subsection (a).

17 (c) CONSIDERATION.—

18 (1) CONSIDERATION REQUIRED.—The Sec-  
19 retary shall require as consideration for the convey-  
20 ance under subsection (a), whether by in-kind con-  
21 sideration, or a combination of cash and in-kind con-  
22 sideration, an amount that is not less than the fair  
23 market value of the conveyed property, as deter-  
24 mined pursuant to an appraisal acceptable to the  
25 Secretary.

1 (2) IN-KIND CONSIDERATION.—

2 (A) IN GENERAL.—As determined by the  
3 Secretary, in-kind consideration under para-  
4 graph (1) shall include—

5 (i) demolition of existing military fam-  
6 ily housing on the U.S. Army Natick Sol-  
7 dier Systems Center (other than housing  
8 on property conveyed under subsection (a))  
9 that the Secretary determines necessary to  
10 accommodate construction of military fam-  
11 ily housing or unaccompanied soldier hous-  
12 ing to support military personnel assigned  
13 to the U.S. Army Natick Soldier Systems  
14 Center;

15 (ii) construction or renovation of mili-  
16 tary family housing or unaccompanied sol-  
17 dier housing, other than general officer  
18 housing, to support military personnel as-  
19 signed to the U.S. Army Natick Soldier  
20 Systems Center; or

21 (iii) construction of ancillary sup-  
22 porting facilities (as that term is defined in  
23 section 2871(1) of title 10, United States  
24 Code) to support military personnel as-

1 signed to the U.S. Army Natick Soldier  
2 Systems Center.

3 (B) IN-KIND CONSIDERATION EXCEEDING  
4 \$1,000,000.—If the value of in-kind consideration  
5 to be provided under this subsection exceeds  
6 \$1,000,000, the Secretary may not accept such  
7 consideration until 21 days after the date the  
8 Secretary notifies the congressional defense  
9 committees of the decision of the Secretary to  
10 accept in-kind consideration in excess of that  
11 amount.

12 (3) CASH PAYMENTS.—

13 (A) CASH PAYMENTS DEPOSITED IN A SPE-  
14 CIAL ACCOUNT.—Cash payments provided as  
15 consideration under this subsection shall be de-  
16 posited in a special account in the Treasury es-  
17 tablished for the Secretary.

18 (B) USE OF FUNDS IN SPECIAL AC-  
19 COUNT.—The Secretary is authorized to use  
20 funds deposited in the special account estab-  
21 lished under subparagraph (A) for—

22 (i) demolition of existing military fam-  
23 ily housing; or

1                   (ii) construction or renovation of mili-  
2                   tary family housing or unaccompanied sol-  
3                   dier housing to support military personnel.

4                   (C) CASH CONSIDERATION NOT USED  
5                   PRIOR TO OCTOBER 1, 2022.—Cash payments  
6                   provided as consideration under this subsection  
7                   that are received by the Secretary and not used  
8                   by the Secretary for purposes authorized by  
9                   subparagraph (B) prior to October, 1, 2022,  
10                  shall be transferred to an account in the Treas-  
11                  ury established pursuant to section 2883 of title  
12                  10, United States Code.

13                  (d) PAYMENT OF COSTS OF CONVEYANCE.—

14                  (1) PAYMENT REQUIRED.—The Secretary shall  
15                  require the party to whom property is conveyed  
16                  under subsection (a) (in this section referred to as  
17                  the “purchaser”) to cover all costs to be incurred by  
18                  the Secretary, or to reimburse the Secretary for  
19                  costs incurred by the Secretary, to carry out the  
20                  conveyance under this section, including survey  
21                  costs, costs for environmental documentation, and  
22                  any other administrative costs related to the convey-  
23                  ance. If amounts are collected from the purchaser in  
24                  advance of the Secretary incurring the actual costs,  
25                  and the amount collected exceeds the costs actually

1 incurred by the Secretary to carry out the convey-  
2 ance, the Secretary shall refund the excess amount  
3 to the purchaser.

4 (2) TREATMENT OF AMOUNTS RECEIVED.—  
5 Amounts received under paragraph (1) as reim-  
6 bursement for costs incurred by the Secretary to  
7 carry out the conveyance under subsection (a) shall  
8 be credited to the fund or account that was used to  
9 cover the costs incurred by the Secretary in carrying  
10 out the conveyance, or to an appropriate fund or ac-  
11 count currently available to the Secretary for the  
12 purposes for which the costs were paid. Amounts so  
13 credited shall be merged with amounts in such fund  
14 or account and shall be available for the same pur-  
15 poses, and subject to the same conditions and limita-  
16 tions, as amounts in such fund or account.

17 (e) DESCRIPTION OF PARCELS.—The exact acreage  
18 and legal description of the parcels to be conveyed under  
19 subsection (a) shall be determined by a survey that is sat-  
20 isfactory to the Secretary. The cost of the survey shall be  
21 borne by the purchaser.

22 (f) ADDITIONAL TERMS AND CONDITIONS.—The Sec-  
23 retary may require such additional terms and conditions  
24 in connection with the conveyance under subsection (a) as

1 the Secretary considers appropriate to protect the interest  
2 of the United States.

3 (g) APPLICATION OF OTHER LAWS.—The conveyance  
4 of property under this section shall not be subject to—

5 (1) section 501 of the McKinney-Vento Home-  
6 less Assistance Act (42 U.S.C. 11411); and

7 (2) subtitle I of title 40, and division C (except  
8 section 3302, 3501(b), 3509, 3906, 4710, and 4711)  
9 of subtitle I of title 41, United States Code.

10 **SEC. 2822. LAND CONVEYANCE, ARMY AND AIR FORCE EX-**  
11 **CHANGE SERVICE PROPERTY, DALLAS,**  
12 **TEXAS.**

13 (a) CONVEYANCE AUTHORIZED.—The Secretary of  
14 Defense may authorize the Army and Air Force Exchange  
15 Service, a nonappropriated fund instrumentality of the  
16 United States, to sell and convey all right, title, and inter-  
17 est of the United States in and to a parcel of real property,  
18 including improvements thereon, consisting of approxi-  
19 mately 7.857 acres located at 8901 Autobahn Drive, Dal-  
20 las, Texas.

21 (b) CONSIDERATION.—As consideration for the con-  
22 veyance under subsection (a), the purchaser shall pay the  
23 United States, in a single lump sum payment, an amount  
24 equal to the fair market value of the real property, as de-

1 terminated pursuant to an appraisal acceptable to the Sec-  
2 retary.

3 (c) TREATMENT OF CONSIDERATION.—Section  
4 574(a) of title 40, United States Code, shall apply to the  
5 consideration received under subsection (b).

6 (d) DESCRIPTION OF PROPERTY.—The exact acreage  
7 and legal description of the property to be conveyed under  
8 subsection (a) shall be determined by a survey satisfactory  
9 to the Secretary. The cost of the survey shall be borne  
10 by the purchaser.

11 (e) ADDITIONAL TERMS AND CONDITIONS.—The  
12 Secretary may require such additional terms and condi-  
13 tions in connection with the conveyance under subsection  
14 (a) as the Secretary considers appropriate to protect the  
15 interests of the United States.

16 (f) INAPPLICABILITY OF CERTAIN PROVISIONS OF  
17 LAW.—The conveyance of property under this section  
18 shall not be subject to section 2696 of title 10, United  
19 States Code.

20 **SEC. 2823. LAND CONVEYANCES, CERTAIN FORMER PEACE-**  
21 **KEEPER ICBM FACILITIES IN WYOMING.**

22 (a) CONVEYANCES AUTHORIZED.—The Secretary of  
23 the Air Force may convey, without consideration, to the  
24 Wyoming Department of State Parks and Cultural Re-  
25 sources (in this section referred to as the “Depart-

1 ment”) all right, title and interest of the United States  
2 in and to parcels of real property, together with any im-  
3 provements thereon, consisting of the missile alert facility  
4 and launch control center at the Quebec #1 Missile Alert  
5 Facility for the Peacekeeper ICBM facilities of the 190  
6 Missile Group at F.E. Warren Air Force Base, Wyoming,  
7 for the purpose of establishing a historical site allowing  
8 for the preservation, protection, and interpretation of the  
9 facilities.

10 (b) CONSULTATION.—The Secretary shall consult  
11 with the Secretary of State and the Secretary of Defense  
12 in order to ensure that the conveyances required in sub-  
13 section (a) are carried out in accordance with applicable  
14 treaties.

15 (c) COMPLIANCE WITH TREATY AND PROGRAMMATIC  
16 AGREEMENT.—The land conveyance under subsection (a)  
17 will enable the United States Air Force to comply with  
18 the terms of the Programmatic Agreement Between  
19 Francis E. Warren Air Force Base, And The Wyoming  
20 State Historic Preservation Officer, Regarding The Imple-  
21 mentation Of The Strategic Arms Reduction Treaty.

22 (d) PAYMENT OF COSTS OF CONVEYANCE.—

23 (1) PAYMENT REQUIRED.—The Secretary of  
24 the Air Force shall require the Department to cover  
25 costs to be incurred by the Secretary, or to reim-

1       burse the Secretary for such costs incurred by the  
2       Secretary, to carry out the conveyance under sub-  
3       section (a), including survey costs, costs for environ-  
4       mental documentation, and any other administrative  
5       costs related to the conveyance. If amounts are col-  
6       lected from the Department in advance of the Sec-  
7       retary incurring the actual costs, and the amount  
8       collected exceeds the costs actually incurred by the  
9       Secretary to carry out the conveyance, the Secretary  
10      shall refund the excess amount to the Department.

11           (2) TREATMENT OF AMOUNTS RECEIVED.—  
12      Amounts received as reimbursement under para-  
13      graph (1) shall be credited to the fund or account  
14      that was used to cover those costs incurred by the  
15      Secretary in carrying out the conveyance or, if such  
16      fund or account has expired at the time of credit, to  
17      an appropriate appropriation, fund, or account cur-  
18      rently available to the Secretary for the purposes for  
19      which the expenses were paid. Amounts so credited  
20      shall be merged with amounts in such fund or ac-  
21      count, and shall be available for the same purposes,  
22      and subject to the same conditions and limitations,  
23      as amounts in such fund or account.

24           (e) DESCRIPTION OF PROPERTY.—The exact acreage  
25      and legal description of the property to be conveyed under

1 subsection (a) shall be determined by a survey satisfactory  
2 to the Secretary.

3 (f) ENVIRONMENTAL CONCERNS.—The United  
4 States Air Force shall retain liability for all environmental  
5 closure and reclamation obligations that exist as of the  
6 date of the conveyance under subsection (a).

7 (g) ADDITIONAL TERMS AND CONSIDERATIONS.—  
8 The Secretary may require such additional terms and con-  
9 ditions in connection with the conveyance under subsection  
10 (a) as the Secretary considers appropriate to protect the  
11 interests of the United States.

12 **SEC. 2824. LAND EXCHANGE, NAVAL INDUSTRIAL ORD-**  
13 **NANCE RESERVE PLANT, SUNNYVALE, CALI-**  
14 **FORNIA.**

15 (a) LAND EXCHANGE AUTHORIZED.—The Secretary  
16 of the Navy (“Secretary”) may convey to an entity (“Ex-  
17 change Entity”) all right, title, and interest of the United  
18 States in and to the parcel of real property, including im-  
19 provements thereon, comprising the Naval Industrial Re-  
20 serve Ordnance Plant (NIROP) located in Sunnyvale,  
21 California in exchange for property interests that meet the  
22 readiness requirements of the Department of the Navy,  
23 as determined by the Secretary.

24 (b) LAND EXCHANGE AGREEMENT.—Exchange of  
25 the real property identified in subsection (a) shall be gov-

1 earned by a land exchange agreement that identifies the  
2 property interests to be exchanged pursuant to this sec-  
3 tion, the time period in which the exchange will occur, and  
4 the roles and responsibilities of the Secretary and the Ex-  
5 change Entity in effecting the land exchange.

6 (c) COVENANTS AND RESTRICTIONS.—The convey-  
7 ance under subsection (a) shall be subject to the condition  
8 that the Exchange Entity accepts the NIROP real prop-  
9 erty with the covenants, restrictions, and other clauses re-  
10 quired by section 120(h) of the Comprehensive Environ-  
11 mental Response, Compensation, and Liability Act of  
12 1980 (42 U.S.C. 9620(h)).

13 (d) VALUATION.—The value of the property interests  
14 to be exchanged by the Secretary and the Exchange Entity  
15 pursuant to this section shall be determined—

16 (1) by an independent appraiser selected by the  
17 Secretary; and

18 (2) in accordance with the Uniform Appraisal  
19 Standards for Federal Land Acquisitions and the  
20 Uniform Standards of Professional Appraisal Prac-  
21 tice.

22 (e) CASH EQUALIZATION PAYMENT.—

23 (1) EQUALIZATION REQUIRED.—If the value of  
24 the NIROP property is greater than the value of the  
25 Exchange Entity property exchanged under sub-

1 section (a), the values shall be equalized through a  
2 cash equalization payment from the Exchange Enti-  
3 ty to the Department of the Navy.

4 (2) NO EQUALIZATION REQUIRED.—If the value  
5 of the Exchange Entity property exchanged under  
6 subsection (a) is greater than the value of the  
7 NIROP property, the Secretary shall not make a  
8 cash equalization payment to equalize the values.

9 (f) PAYMENT OF COSTS OF CONVEYANCE.—

10 (1) PAYMENT REQUIRED.—The Secretary shall  
11 require the Exchange Entity to pay costs incurred  
12 by the Department of the Navy to carry out the ex-  
13 change of property interests pursuant to this section,  
14 including survey costs, costs for environmental docu-  
15 mentation, review of replacement facilities design,  
16 real estate due diligence, including appraisals, relo-  
17 cation of activities and facilities from Sunnyvale,  
18 California to the replacement facilities, and any  
19 other administrative costs related to the exchange of  
20 property interests. If amounts are collected from the  
21 Exchange Entity in advance of the Secretary incur-  
22 ring the actual costs and the amount collected ex-  
23 ceeds the costs actually incurred by the Secretary to  
24 carry out the exchange of property interests, the

1 Secretary shall refund the excess amount to the Ex-  
2 change Entity.

3 (2) TREATMENT OF AMOUNTS RECEIVED.—

4 Amounts received under paragraph (1) above shall  
5 be credited and made available to the Secretary in  
6 accordance with section 2695(c) of title 10, United  
7 States Code.

8 (g) DESCRIPTION OF PROPERTY.—The exact acreage  
9 and legal description of the real property to be exchanged  
10 pursuant to this section shall be determined by surveys  
11 satisfactory to the Secretary.

12 (h) RELATION TO OTHER MILITARY CONSTRUCTION  
13 REQUIREMENTS.—The acquisition of a facility using the  
14 authority provided by this section shall not be treated as  
15 a military construction project for which an authorization  
16 is required by section 2802 of title 10, United States Code,  
17 or for reporting as required by section 2662 of such title.

18 (i) INAPPLICABILITY OF SECTION 2696 OF TITLE  
19 10.—The real property to be exchanged pursuant to this  
20 section is exempt from the screening process required by  
21 subsection 2696(b) of title 10, United States Code.

22 (j) REQUIREMENT FOR ASSESSMENT OF FEASIBILITY  
23 OF TRANSFERRING CERTAIN FUNCTIONS.—The Secretary  
24 may not make the conveyance authorized by this section  
25 until the Secretary submits to the congressional defense

1 committees an assessment of the feasibility and advis-  
2 ability of transferring, in whole or in part, functions cur-  
3 rently performed at the Naval Industrial Reserve Ord-  
4 nance Plant to real property already in the Navy inventory  
5 and involved in supporting the fleet ballistic missile pro-  
6 gram.

7 (k) **ADDITIONAL TERMS AND CONDITIONS.**—The  
8 Secretary may require such additional terms and condi-  
9 tions in connection with the exchange authorized by this  
10 section as the Secretary considers appropriate to protect  
11 the interests of the United States.

12 (l) **SUNSET PROVISION.**—The authority provided in  
13 this section shall expire on October 1, 2021.

14 **SEC. 2825. LAND EXCHANGE, NAVAL AIR STATION CORPUS**  
15 **CHRISTI, TEXAS.**

16 (a) **LAND EXCHANGE AUTHORIZED.**—The Secretary  
17 of the Navy (in this section referred to as the “Secretary”)  
18 may convey to the City of Corpus Christi, Texas (in this  
19 section referred to as the “City”), all right, title, and in-  
20 terest of the United States in and to a parcel of real prop-  
21 erty, including improvements thereon, consisting of ap-  
22 proximately 44 acres known as the Peary Place Trans-  
23 mitter Site in Nueces County associated with Naval Air  
24 Station Corpus Christi, Texas.

1 (b) CONSIDERATION.—As consideration for the con-  
2 veyance under subsection (a), the City shall convey to the  
3 Secretary its real property interests either adjacent or  
4 proximate, and causing an encroachment concern as deter-  
5 mined by the Secretary, to Naval Air Station Corpus  
6 Christi, Naval Outlying Landing Field Waldron and Naval  
7 Outlying Landing Field Cabaniss.

8 (c) LAND EXCHANGE AGREEMENT.—The Secretary  
9 and the City may enter into a land exchange agreement  
10 to implement this section.

11 (d) VALUATION.—The value of each property interest  
12 to be exchanged by the Secretary and the City described  
13 in subsections (a) and (b) shall be determined—

14 (1) by an independent appraiser selected by the  
15 Secretary; and

16 (2) in accordance with the Uniform Appraisal  
17 Standards for Federal Land Acquisitions and the  
18 Uniform Standards of Professional Appraisal Prac-  
19 tice.

20 (e) CASH EQUALIZATION PAYMENTS.—

21 (1) TO THE SECRETARY.—If the value of the  
22 property interests described in subsection (a) is  
23 greater than the value of the property interests de-  
24 scribed in subsection (b), the values shall be equal-

1        ized through a cash equalization payment from the  
2        City to the Department of the Navy.

3            (2) NO EQUALIZATION.—If the value of the  
4        property interests described in subsection (b) is  
5        greater than the value of the property interests de-  
6        scribed in subsection (a), the Secretary shall not  
7        make a cash equalization payment to equalize the  
8        values.

9            (f) PAYMENT OF COSTS OF CONVEYANCE.—

10           (1) PAYMENT REQUIRED.—The Secretary shall  
11        require the City to pay costs to be incurred by the  
12        Secretary to carry out the exchange of property in-  
13        terests under this section, including those costs re-  
14        lated to land survey, environmental documentation,  
15        real estate due diligence such as appraisals, and any  
16        other administrative costs related to the exchange of  
17        property interests to include costs incurred pre-  
18        paring and executing the land exchange agreement  
19        authorized under subsection (c). If amounts are col-  
20        lected from the City in advance of the Secretary in-  
21        ccurring the actual costs and the amount collected ex-  
22        ceeds the costs actually incurred by the Secretary to  
23        carry out the exchange of property interests, the  
24        Secretary shall refund the excess amount to the  
25        City.

1           (2) TREATMENT OF AMOUNTS RECEIVED.—

2           Amounts received as reimbursement under para-  
3           graph (1) above shall be used in accordance with  
4           section 2695(c) of title 10, United States Code.

5           (g) DESCRIPTION OF PROPERTY.—The exact acreage  
6           and legal description of the property interests to be ex-  
7           changed under this section shall be determined by surveys  
8           satisfactory to the Secretary.

9           (h) CONVEYANCE AGREEMENT.—The exchange of  
10          real property interests under this section shall be accom-  
11          plished using an appropriate legal instrument and upon  
12          terms and conditions mutually satisfactory to the Sec-  
13          retary and the City, including such additional terms and  
14          conditions as the Secretary considers appropriate to pro-  
15          tect the interests of the United States.

16          (i) EXEMPTION FROM SCREENING REQUIREMENTS  
17          FOR ADDITIONAL FEDERAL USE.—The authority under  
18          this section is exempt from the screening process required  
19          under section 2696(b) of title 10, United States Code.

20          (j) SUNSET PROVISION.—The authority under this  
21          section shall expire on October 1, 2019, unless the Sec-  
22          retary and the City have signed a land exchange agree-  
23          ment described in subsection (c).

1     **Subtitle D—Project Management**  
2                     **and Oversight Reforms**

3     **SEC. 2831. NOTIFICATION REQUIREMENT FOR CERTAIN**  
4                     **COST OVERRUNS AND SCHEDULE DELAYS.**

5             Section 2853 of title 10, United States Code, is  
6 amended—

7             (1) by redesignating subsection (f) as sub-  
8             section (g);

9             (2) by inserting after subsection (e) the fol-  
10            lowing new subsection:

11            “(f) The Secretary of Defense shall notify the con-  
12            gressional defense committees of any military construction  
13            project or military family housing project that has a cost  
14            overrun or schedule delay of 25 percent or more. The noti-  
15            fication shall be cosigned by the Chief of Engineers or the  
16            Commander of the Naval Facilities Engineering Com-  
17            mand, and shall describe the specific reasons for the cost  
18            increase or schedule delay, the specific organizations and  
19            individuals responsible, and the actions taken to hold the  
20            organizations and individuals accountable. The Comp-  
21            troller General of the United States shall review the notifi-  
22            cation and validate or correct as necessary the information  
23            provided.”; and

1           (3) in subsection (g), as redesignated by para-  
2           graph (1), by striking “subsections (a) through (e)”  
3           and inserting “subsections (a) through (f)”.

4 **SEC. 2832. LIMITED AUTHORITY FOR PRIVATE SECTOR SU-**  
5           **PERVISION OF MILITARY CONSTRUCTION**  
6           **PROJECTS IN EVENT OF EXTENSIVE COST**  
7           **OVERRUNS OR PROJECT DELAYS.**

8           Section 2851(a) of title 10, United States Code, is  
9 amended—

10           (1) by striking “Each contract” and inserting  
11           “(1) Except as provided under paragraph (2), each  
12           contract”; and

13           (2) by adding at the end the following new  
14           paragraph

15           “(2) The Secretary of Defense may arrange for pri-  
16 vate sector direction and supervision of contracts other-  
17 wise subject to the direction and supervision of the Chief  
18 of Engineers or the Commander of the Naval Facilities  
19 Engineering Command under paragraph (1) if, during the  
20 most recent fiscal year for which data is available, the  
21 Chief of Engineers or the Commander of the Naval Facili-  
22 ties Engineering Command had cost overruns or project  
23 delays of 5 percent or more on at least 10 percent of the  
24 contracts for which it was responsible for directing and  
25 supervising.”.

1 **SEC. 2833. ANNUAL REPORT ON COST OVERRUNS AND**  
2 **SCHEDULE DELAYS.**

3 Section 2851 of title 10, United States Code, is  
4 amended by adding at the end the following new sub-  
5 section:

6 “(d) ANNUAL REPORT ON COST OVERRUNS AND  
7 SCHEDULE DELAYS.—The Secretary of Defense shall sub-  
8 mit to the congressional defense committees an annual re-  
9 port on military construction projects and military family  
10 housing projects that had cost overruns or schedule delays  
11 of 5 percent or more.”.

12 **SEC. 2834. REPORT ON DESIGN ERRORS AND OMISSIONS**  
13 **RELATED TO FORT BLISS HOSPITAL RE-**  
14 **PLACEMENT PROJECT.**

15 (a) REPORT REQUIRED.—

16 (1) IN GENERAL.—Not later than December 1,  
17 2017, the Secretary of Defense shall submit to the  
18 congressional defense committees a report on design  
19 errors and omissions related to the hospital replace-  
20 ment project at Fort Bliss, Texas.

21 (2) ELEMENTS.—The report required under  
22 paragraph (1) shall include the following elements:

23 (A) Identification of the “design errors”  
24 and “omissions” that have been used to explain  
25 the \$245,000,000, 25 percent cost increase for  
26 the replacement project.

1           (B) Identification by name of any organi-  
2           zation responsible for such design errors or  
3           omissions.

4           (C) Identification by name of any indi-  
5           vidual responsible for such design errors or  
6           omissions.

7           (D) A description of the actions the Sec-  
8           retary of Defense has taken to hold the organi-  
9           zations and individuals referred to in subpara-  
10          graphs (B) and (C) accountable for such design  
11          errors and omissions.

12          (b) LIMITATION.—Of the funds appropriated or oth-  
13          erwise made available for the hospital replacement project  
14          at Fort Bliss, Texas, \$50,000,000 may not be obligated  
15          or expended for the project until the Secretary of Defense  
16          submits to the congressional defense committees—

17               (1) the report required under subsection (a);  
18          and

19               (2) a written certification that sufficient steps  
20          have been taken by the Department of Defense to  
21          prevent massive cost overruns on such project in the  
22          future.

1 **SEC. 2835. REPORT ON COST INCREASE AND DELAY RE-**  
2 **LATED TO USSTRATCOM COMMAND AND CON-**  
3 **TROL FACILITY PROJECT AT OFFUTT AIR**  
4 **FORCE BASE.**

5 (a) IN GENERAL.—Not later than December 1, 2017,  
6 the Secretary of Defense shall submit to the congressional  
7 defense committees a report on the 16-month schedule  
8 delay and 10 percent cost increase related to the United  
9 States Strategic Command command and control facility  
10 project at Offutt Air Force Base, Nebraska.

11 (b) ELEMENTS.—The report required under sub-  
12 section (a) shall include the following elements:

13 (1) Identification by name of any organization  
14 responsible for the delay and cost increase.

15 (2) Identification by name of any individual re-  
16 sponsible for the delay and cost increase.

17 (3) A description of the actions the Secretary of  
18 Defense has taken to hold the organizations and in-  
19 dividuals referred to in paragraphs (1) and (2) ac-  
20 countable for the delay and cost increase.

21 **Subtitle E—Other Matters**

22 **SEC. 2841. ANNUAL DEPARTMENT OF DEFENSE ENERGY**  
23 **MANAGEMENT REPORTS.**

24 Section 2925(a) of title 10, United States Code, is  
25 amended—

1           (1) in the subsection heading, by striking “RE-  
2       SILIENCY” and inserting “ENERGY RESILIENCE”;

3           (2) in paragraph (1), by inserting before the pe-  
4       riod at the end the following: “, including progress  
5       on energy resilience at military installations accord-  
6       ing to metrics developed by the Secretary.”;

7           (3) by amending paragraph (3) to read as fol-  
8       lows:

9           “(3) Details of all utility outages impacting en-  
10       ergy resilience at military installations (excluding  
11       planned outages for maintenance reasons), whether  
12       caused by on- or off-installation disruptions, includ-  
13       ing the total number and location of outage, the du-  
14       ration of the outage, the financial impact of the out-  
15       age, whether or not the mission was impacted, the  
16       mission requirements associated with disruption tol-  
17       erances based on risk to mission, the responsible au-  
18       thority managing the utility, and measure taken to  
19       mitigate the outage by the responsible authority.”;

20           (4) by redesignating paragraph (4) as para-  
21       graph (5); and

22           (5) by inserting after paragraph (3) the fol-  
23       lowing new paragraph:

24           “(4) Details of a military installation’s total en-  
25       ergy requirements and critical energy requirements,

1 and the current energy resilience and emergency  
2 backup systems servicing critical energy require-  
3 ments, including, at a minimum—

4 “(A) energy resilience and emergency  
5 backup system power requirements;

6 “(B) the critical missions, facility, or facili-  
7 ties serviced;

8 “(C) system service life;

9 “(D) capital, operations, maintenance, and  
10 testing costs; and

11 “(E) other information the Secretary de-  
12 termines necessary.”.

13 **SEC. 2842. AGGREGATION OF ENERGY EFFICIENCY AND EN-**  
14 **ERGY RESILIENCE PROJECTS IN LIFE CYCLE**  
15 **COST ANALYSES.**

16 The Secretary of Defense or the Secretary of a mili-  
17 tary department, when conducting life cycle cost analyses  
18 with respect to investments designed to lower costs and  
19 reduce energy and water consumption, shall aggregate en-  
20 ergy efficiency projects and energy resilience improve-  
21 ments as appropriate.

1 **SEC. 2843. AUTHORITY OF THE SECRETARY OF THE AIR**  
2 **FORCE TO ACCEPT LESSEE IMPROVEMENTS**  
3 **AT AIR FORCE PLANT 42.**

4 (a) ACCEPTANCE OF LESSEE IMPROVEMENTS AT AIR  
5 FORCE PLANT 42.—A lease of Air Force Plant 42, in  
6 whole or part, may permit the lessee, with the approval  
7 of the Secretary of the Air Force, to alter, expand, or oth-  
8 erwise improve the plant or facility as necessary for the  
9 development or production of military weapons systems,  
10 munitions, components, or supplies. Such lease may pro-  
11 vide, notwithstanding section 2802 of title 10, United  
12 States Code, that such alteration, expansion or other im-  
13 provement shall, upon completion, become the property of  
14 the Federal Government, regardless of whether such alter-  
15 ation, expansion, or other improvement constitutes all or  
16 part of the consideration for the lease pursuant to section  
17 2667(b)(5) of such title or represents a reimbursable cost  
18 allocable to any contract, cooperative agreement, grant, or  
19 other instrument with respect to activity undertaken at  
20 Air Force Plant 42.

21 (b) CONGRESSIONAL NOTIFICATION.—When a deci-  
22 sion is made to approve a project to which subsection (a)  
23 applies costing more than the threshold specified under  
24 section 2805(c) of such title, the Secretary of the Air  
25 Force shall notify the congressional defense committees in  
26 writing of that decision, the justification for the project,

1 and the estimated cost of the project. The Secretary may  
2 not carry out the project until the end of the 21-day period  
3 beginning on the date the congressional defense commit-  
4 tees receive such notification or, if earlier, the end of the  
5 14-day period beginning on the date on which a copy of  
6 the notification is provided in an electronic medium pursu-  
7 ant to section 480 of such title.

8 **SEC. 2844. PROHIBITION ON USE OF FUNDS FOR KWAJA-**  
9 **LEIN PROJECT.**

10 None of the funds authorized to be appropriated by  
11 this Act or otherwise made available for the Department  
12 of Defense for fiscal year 2018 may be made available for  
13 a project to construct 52 single family homes on Kwajalein  
14 Atoll for \$1,300,000 each to support 18 active duty mili-  
15 tary personnel.

16 **SEC. 2845. ENERGY RESILIENCE.**

17 (a) IN GENERAL.—Section 2911 of title 10, United  
18 States Code, is amended—

19 (1) in the section heading, by striking “**per-**  
20 **formance goals and master plan for**” and  
21 inserting “**policy of**”;

22 (2) by redesignating subsections (a), (b), (c),  
23 (d), and (e) as subsections (c), (d), (e), (f), and (g)  
24 respectively;

1           (3) by inserting before subsection (c), as redesi-  
2           gnated by paragraph (2), the following new sub-  
3           sections:

4           “(a) GENERAL ENERGY POLICY.—The Secretary of  
5 Defense shall ensure the readiness of the armed forces for  
6 their military missions by pursuing energy security and  
7 energy resilience.

8           “(b) AUTHORITIES.—In order to achieve the policy  
9 set forth in subsection (a), the Secretary of Defense  
10 may—

11           “(1) require the Secretary of a military depart-  
12           ment to establish and maintain an energy resilience  
13           master plan for an installation;

14           “(2) authorize the use of energy security and  
15           energy resilience as factors in the cost-benefit anal-  
16           ysis for procurement of energy; and

17           “(3) in selecting facility energy projects that  
18           will use renewable energy sources, pursue energy se-  
19           curity and energy resilience by giving favorable con-  
20           sideration to projects that provide power directly to  
21           a military facility or into the installation electrical  
22           distribution network.”;

23           (4) in subsection (e), as redesignated by para-  
24           graph (2)—

1 (A) in paragraph (1), by inserting “, the  
2 future demand for energy, and the requirement  
3 for the use of energy” after “energy”;

4 (B) by amending paragraph (2) to read as  
5 follows:

6 “(2) Opportunities to enhance energy resilience  
7 to ensure the Department of Defense has the ability  
8 to prepare for and recover from energy disruptions  
9 that impact mission assurance on military installa-  
10 tions.”; and

11 (C) by adding at the end the following new  
12 paragraph:

13 “(13) Opportunities to leverage third-party fi-  
14 nancing to address installation energy needs.”.

15 (b) CLERICAL AMENDMENT.—The table of sections  
16 at the beginning of chapter 173 is amended by striking  
17 the item relating to section 2911 and inserting the fol-  
18 lowing new item:

“2911. Energy policy of the Department of Defense.”.

19 (c) CONFORMING AMENDMENTS.—Chapter 173 of  
20 title 10, United States Code, is amended—

21 (1) in section 2914, by striking “energy resil-  
22 iency” each place it appears and inserting “energy  
23 resilience”;

24 (2) in section 2915—

1 (A) by striking “subsection (c)” each place  
2 it appears and inserting “subsection (e)”; and

3 (B) in subsection (e)(2)(C), by striking  
4 “2911(b)(2)” and inserting “2911(d)(2)”;

5 (3) in section 2916(b)(2), by striking  
6 “2911(a)” and inserting “2911(c)”;

7 (4) in section 2922b(a), by striking “subsection  
8 (c)” and inserting “subsection (e)”;

9 (5) in section 2922f(a), by striking “subsection  
10 (c)” and inserting “subsection (e)”;

11 (6) in section 2924—

12 (A) by striking paragraph (3); and

13 (B) by redesignating paragraphs (4), (5),  
14 (6), and (7) as paragraphs (3), (4), (5), and  
15 (6), respectively; and

16 (7) in section 2925(a)—

17 (A) by striking “resiliency” and inserting  
18 “energy resilience”; and

19 (B) in paragraph (1), by striking  
20 “2911(e)” and inserting “2911(g)”.

21 (d) DEFINITIONS FOR ENERGY RESILIENCE AND EN-  
22 ERGY SECURITY.—Section 101(e) of title 10, United  
23 States Code, is amended by adding at the end the fol-  
24 lowing new paragraphs:

1           “(6) ENERGY RESILIENCE.—The term ‘energy  
2 resilience’ means the ability to avoid, prepare for,  
3 minimize, adapt to, and recover from anticipated  
4 and unanticipated energy disruptions in order to en-  
5 sure energy availability and reliability sufficient to  
6 provide for mission assurance and readiness, includ-  
7 ing task critical assets and other mission essential  
8 operations related to readiness, and to execute or  
9 rapidly reestablish mission essential requirements.

10           “(7) ENERGY SECURITY.—The term ‘energy se-  
11 curity’ means having assured access to reliable sup-  
12 plies of energy and the ability to protect and deliver  
13 sufficient energy to meet mission essential require-  
14 ments.”.

15 **SEC. 2846. CONSIDERATION OF ENERGY SECURITY AND EN-**  
16 **ERGY RESILIENCE IN AWARDING ENERGY**  
17 **AND FUEL CONTRACTS FOR MILITARY IN-**  
18 **STALLATIONS.**

19           Section 2922a of title 10, United States Code, is  
20 amended by adding at the end the following new sub-  
21 section:

22           “(d) The Secretary concerned shall prioritize energy  
23 security and resilience.”.

1 **SEC. 2847. REQUIREMENT TO ADDRESS ENERGY RESIL-**  
2 **IENCE IN EXERCISING UTILITY SYSTEM CON-**  
3 **VEYANCE AUTHORITY.**

4 Section 2688(g) of title 10, United States Code, is  
5 amended by adding at the end the following new para-  
6 graphs:

7 “(3) The Secretary concerned may require in any  
8 contract for the conveyance of a utility system (or part  
9 of a utility system) under subsection (a) that the conveyee  
10 manage and operate the utility system in a manner con-  
11 sistent with energy resilience requirements and metrics  
12 provided to the conveyee to ensure that the reliability of  
13 the utility system meets mission requirements.

14 “(4) The Secretary of Defense, in consultation with  
15 the Secretaries of the military departments, shall include  
16 in the installation energy report submitted under section  
17 2925(a) of this title a description of progress in meeting  
18 energy resilience metrics for all conveyance contracts en-  
19 tered into pursuant to this section.”.

20 **SEC. 2848. IN-KIND LEASE PAYMENTS; PRIORITIZATION OF**  
21 **UTILITY SERVICES THAT PROMOTE ENERGY**  
22 **RESILIENCE.**

23 Section 2667(c)(1)(D) of title 10, United States  
24 Code, is amended by inserting “, which shall prioritize en-  
25 ergy resilience in the event of commercial grid outages”  
26 after “Secretary concerned”.

1 **SEC. 2849. DISCLOSURE OF BENEFICIAL OWNERSHIP BY**  
2 **FOREIGN PERSONS OF HIGH SECURITY**  
3 **SPACE LEASED BY THE DEPARTMENT OF DE-**  
4 **FENSE.**

5 (a) IDENTIFICATION OF BENEFICIAL OWNERSHIP.—  
6 Before entering into a lease agreement with a covered en-  
7 tity for accommodation of a military department or De-  
8 fense Agency in a building (or other improvement) that  
9 will be used for high-security leased space, the Depart-  
10 ment of Defense shall require the covered entity to—

11 (1) identify each beneficial owner of the covered  
12 entity by—

13 (A) name;

14 (B) current residential or business street  
15 address; and

16 (C) in the case of a United States person,  
17 a unique identifying number from a nonexpired  
18 passport issued by the United States or a non-  
19 expired drivers license issued by a State; and

20 (2) disclose to the Department of Defense any  
21 beneficial owner of the covered entity that is a for-  
22 eign person.

23 (b) REQUIRED DISCLOSURE.—

24 (1) INITIAL DISCLOSURE.—The Secretary of  
25 Defense shall require a covered entity to provide the  
26 information required under subsection (a), when

1 first submitting a proposal in response to a solicita-  
2 tion for offers issued by the Department.

3 (2) UPDATES.—The Secretary of Defense shall  
4 require a covered entity to update a submission of  
5 information required under subsection (a) not later  
6 than 60 days after the date of any change in—

7 (A) the list of beneficial owners of the cov-  
8 ered entity; or

9 (B) the information required to be pro-  
10 vided relating to each such beneficial owner.

11 (c) PRECAUTIONS.—If a covered entity discloses a  
12 foreign person as a beneficial owner of a building (or other  
13 improvement) from which the Department of Defense is  
14 leasing high-security leased space, the Department of De-  
15 fense shall notify the tenant of the space to take appro-  
16 priate security precautions.

17 (d) DEFINITIONS.—

18 (1) BENEFICIAL OWNER.—

19 (A) IN GENERAL.—The term beneficial  
20 owner—

21 (i) means, with respect to a covered  
22 entity, each natural person who, directly or  
23 indirectly—

24 (I) exercises control over the cov-  
25 ered entity through ownership inter-

1           ests, voting rights, agreements, or  
2           otherwise; or

3                   (II) has an interest in or receives  
4           substantial economic benefits from the  
5           assets of the covered entity; and

6           (ii) does not include, with respect to a  
7           covered entity—

8                   (I) a minor child;

9                   (II) a person acting as a nomi-  
10          nee, intermediary, custodian, or agent  
11          on behalf of another person;

12                  (III) a person acting solely as an  
13          employee of the covered entity and  
14          whose control over or economic bene-  
15          fits from the covered entity derives  
16          solely from the employment status of  
17          the person;

18                  (IV) a person whose only interest  
19          in the covered entity is through a  
20          right of inheritance, unless the person  
21          otherwise meets the definition of  
22          “beneficial owner” under this para-  
23          graph; and

24                  (V) a creditor of the covered enti-  
25          ty, unless the creditor otherwise meets

1                   the requirements of “beneficial  
2                   owner” described above.

3                   (B) ANTI-ABUSE RULE.—The exceptions  
4                   under subparagraph (A)(ii) shall not apply if  
5                   used for the purpose of evading, circumventing,  
6                   or abusing the requirements of this section.

7                   (2) COVERED ENTITY.—The term “covered en-  
8                   tity” means a person, copartnership, corporation, or  
9                   other public or private entity.

10                  (3) FOREIGN PERSON.—The term “foreign per-  
11                  son” means an individual who is not a United States  
12                  person or an alien lawfully admitted for permanent  
13                  residence into the United States.

14                  (4) HIGH-SECURITY LEASED SPACE.—The term  
15                  “high-security leased space” means a space leased  
16                  by the Department of Defense that has a security  
17                  level of III, IV, or V, as determined by the Inter-  
18                  agency Security Committee.

19                  (5) UNITED STATES PERSON.—The term  
20                  “United States person” means a natural person who  
21                  is a citizen of the United States or who owes perma-  
22                  nent allegiance to the United States.

1 **TITLE XXIX—OVERSEAS CONTIN-**  
 2 **GENCY OPERATIONS MILI-**  
 3 **TARY CONSTRUCTION**

4 **SEC. 2901. AUTHORIZED ARMY CONSTRUCTION AND LAND**  
 5 **ACQUISITION PROJECTS.**

6 The Secretary of the Army may acquire real property  
 7 and carry out the military construction projects for the  
 8 installation outside the United States, and in the amount,  
 9 set forth in the following table:

**Army: Outside the United States**

| Country    | Location             | Amount        |
|------------|----------------------|---------------|
| Cuba ..... | Guantanamo Bay ..... | \$115,000,000 |

10 **SEC. 2902. AUTHORIZED AIR FORCE CONSTRUCTION AND**  
 11 **LAND ACQUISITION PROJECTS.**

12 The Secretary of the Air Force may acquire real  
 13 property and carry out the military construction projects  
 14 for the installations outside the United States, and in the  
 15 amounts, set forth in the following table:

**Air Force: Outside the United States**

| Country          | Location                 | Amount        |
|------------------|--------------------------|---------------|
| Estonia .....    | Amari Air Base .....     | \$13,900,000  |
| Hungary .....    | Kecskemet Air Base ..... | \$55,400,000  |
| Iceland .....    | Keflavik .....           | \$14,400,000  |
| Jordan .....     | Azraq .....              | \$143,000,000 |
| Latvia .....     | Lielvarde Air Base ..... | \$3,850,000   |
| Luxembourg ..... | Sanem .....              | \$67,400,000  |
| Norway .....     | Rygge .....              | \$10,300,000  |
| Romania .....    | Campia Turzii .....      | \$2,950,000   |
| Slovakia .....   | Malacky .....            | \$24,000,000  |
|                  | Sliac Airport .....      | \$22,000,000  |
| Turkey .....     | Incirlık Air Base .....  | \$22,700,000  |

1 **SEC. 2903. AUTHORIZATION OF APPROPRIATIONS.**

2 Funds are hereby authorized to be appropriated for  
 3 fiscal years beginning after September 30, 2017, for the  
 4 military construction projects outside the United States  
 5 authorized by this title as specified in the funding table  
 6 in section 4602 and 4603.

7 **SEC. 2904. EXTENSION OF AUTHORIZATION OF CERTAIN**  
 8 **FISCAL YEAR 2015 PROJECTS.**

9 (a) EXTENSION.—Notwithstanding section 2002 of  
 10 the Military Construction Authorization Act for Fiscal  
 11 Year 2015 (division B of Public Law 113–291; 128 Stat.  
 12 3669), the authorizations set forth in the table in sub-  
 13 section (b), as provided in section 4602 of that Act (128  
 14 Stat. 3981), shall remain in effect until October 1, 2018,  
 15 or the date of the enactment of an Act authorizing funds  
 16 for military construction for fiscal year 2019, whichever  
 17 is later.

18 (b) TABLE.—The table referred to in subsection (a)  
 19 is as follows:

**Extension of 2015 Air Force OCO Project Authorizations**

| <b>Country</b> | <b>Installation</b> | <b>Project</b>                         | <b>Amount</b> |
|----------------|---------------------|--|---------------|
| Italy .....    | Camp Darby .....    | ERI: Improve Weapons Storage Facility. | \$44,500,000  |
| Poland .....   | Lask Air Base ..... | ERI: Improve Support Infrastructure.   | \$22,400,000  |

1 **DIVISION C—DEPARTMENT OF**  
2 **ENERGY NATIONAL SECURITY**  
3 **AUTHORIZATIONS AND**  
4 **OTHER AUTHORIZATIONS**  
5 **TITLE XXXI—DEPARTMENT OF**  
6 **ENERGY NATIONAL SECURITY**  
7 **PROGRAMS**  
8 **Subtitle A—National Security**  
9 **Programs and Authorizations**

10 **SEC. 3101. NATIONAL NUCLEAR SECURITY ADMINISTRA-**  
11 **TION.**

12 (a) AUTHORIZATION OF APPROPRIATIONS.—Funds  
13 are hereby authorized to be appropriated to the Depart-  
14 ment of Energy for fiscal year 2018 for the activities of  
15 the National Nuclear Security Administration in carrying  
16 out programs as specified in the funding table in section  
17 4701.

18 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—  
19 From funds referred to in subsection (a) that are available  
20 for carrying out plant projects, the Secretary of Energy  
21 may carry out new plant projects for the National Nuclear  
22 Security Administration as follows:

23 Project 18–D–660, Fire Station, Y–12 National  
24 Security Complex, Oak Ridge, Tennessee,  
25 \$20,400,000.

1           Project 18–D–650, Tritium Production Capa-  
2           bility, Savannah River Site, Aiken, South Carolina,  
3           \$9,100,000.

4           Project 18–D–620, Exascale Computing Facil-  
5           ity Modernization Project, Lawrence Livermore Na-  
6           tional Laboratory, Livermore, California,  
7           \$3,000,000.

8           Project 18–D–670, Exascale Class Computer  
9           Cooling Equipment, Los Alamos National Labora-  
10          tory, Los Alamos, New Mexico, \$22,000,000.

11          Project 18–D–922, BL Component Test Com-  
12          plex, Bettis Atomic Power Laboratory, West Mifflin,  
13          Pennsylvania, \$3,100,000.

14          Project 18–D–921, KS Overhead Piping, Kes-  
15          selring Site, West Milton, New York, \$10,716,000.

16          Project 18–D–920, KL Fuel Development Lab-  
17          oratory, Knolls Atomic Power Laboratory, Scheneec-  
18          tady, New York, \$1,100,000.

19 **SEC. 3102. DEFENSE ENVIRONMENTAL CLEANUP.**

20          (a) AUTHORIZATION OF APPROPRIATIONS.—Funds  
21          are hereby authorized to be appropriated to the Depart-  
22          ment of Energy for fiscal year 2018 for defense environ-  
23          mental cleanup activities in carrying out programs as  
24          specified in the funding table in section 4701.

1 (b) AUTHORIZATION OF NEW PLANT PROJECTS.—  
2 From funds referred to in subsection (a) that are available  
3 for carrying out plant projects, the Secretary of Energy  
4 may carry out, for defense environmental cleanup activi-  
5 ties, the following new plant projects:

6 Project 18–D–401, Saltstone Disposal Units  
7 numbers 8 and 9, Savannah River Site, Aiken,  
8 South Carolina, \$500,000.

9 Project 18–D–402, Emergency Operations Cen-  
10 ter Replacement, Savannah River Site, Aiken, South  
11 Carolina, \$500,000.

12 Project 18–D–404, Modification of Waste En-  
13 capsulation and Storage Facility, Hanford Nuclear  
14 Reservation, Richland, Washington, \$6,500,000.

15 **SEC. 3103. OTHER DEFENSE ACTIVITIES.**

16 Funds are hereby authorized to be appropriated to  
17 the Department of Energy for fiscal year 2018 for other  
18 defense activities in carrying out programs as specified in  
19 the funding table in section 4701.

20 **SEC. 3104. NUCLEAR ENERGY.**

21 Funds are hereby authorized to be appropriated to  
22 the Department of Energy for fiscal year 2018 for nuclear  
23 energy as specified in the funding table in section 4701.

1 **Subtitle B—Program Authoriza-**  
2 **tions, Restrictions, and Limita-**  
3 **tions**

4 **SEC. 3111. ASSESSMENT AND DEVELOPMENT OF PROTO-**  
5 **TYPE NUCLEAR WEAPONS OF FOREIGN**  
6 **COUNTRIES.**

7 (a) STOCKPILE STEWARDSHIP, MANAGEMENT, AND  
8 RESPONSIVENESS PLAN.—Section 4203(d)(1) of the  
9 Atomic Energy Defense Act (50 U.S.C. 2523(d)(1)) is  
10 amended—

11 (1) in subparagraph (M), by striking “; and”  
12 and inserting a semicolon;

13 (2) in subparagraph (N), by striking the period  
14 at the end and inserting “; and”; and

15 (3) by adding at the end the following:

16 “(O) as required, when assessing and de-  
17 veloping prototype nuclear weapons of foreign  
18 countries, a report from the directors of the na-  
19 tional security laboratories on the need and  
20 plan for such assessment and development that  
21 includes separate comments on the plan from  
22 the Secretary of Energy and the Director of  
23 National Intelligence.”.

24 (b) STOCKPILE RESPONSIVENESS PROGRAM.—Sec-  
25 tion 4220(c) of the Atomic Energy Defense Act (50

1 U.S.C. 2538b(e)) is amended by adding at the end the  
2 following:

3 “(6) The retention of the ability, in consultation  
4 with the Director of National Intelligence, to assess  
5 and develop prototype nuclear weapons of foreign  
6 countries and, if necessary, to conduct no-yield test-  
7 ing of those prototypes.”.

8 (c) CONFORMING REPEAL.—

9 (1) IN GENERAL.—Section 4509 of the Atomic  
10 Energy Defense Act (50 U.S.C. 2660) is repealed.

11 (2) CLERICAL AMENDMENT.—The table of con-  
12 tents for the Atomic Energy Defense Act is amended  
13 by striking the items relating to sections 4508 and  
14 4509.

15 **SEC. 3112. USE OF FUNDS FOR CONSTRUCTION AND**  
16 **PROJECT SUPPORT ACTIVITIES RELATING TO**  
17 **MOX FACILITY.**

18 (a) IN GENERAL.—Except as provided by subsection  
19 (b), the Secretary of Energy shall carry out construction  
20 and project support activities relating to the MOX facility  
21 using funds authorized to be appropriated by this Act or  
22 otherwise made available for fiscal year 2018 for the Na-  
23 tional Nuclear Security Administration for the MOX facil-  
24 ity for construction and project support activities.

25 (b) WAIVER.—

1           (1) IN GENERAL.—The Secretary may waive  
2 the requirement under subsection (a) to carry out  
3 construction and project support activities relating  
4 to the MOX facility if the Secretary submits to the  
5 congressional defense committees—

6           (A) the commitment of the Secretary to re-  
7 move plutonium intended to be disposed of in  
8 the MOX facility from South Carolina and en-  
9 sure a sustainable future for the Savannah  
10 River Site;

11           (B) a certification that—

12           (i) an alternative option for carrying  
13 out the plutonium disposition program for  
14 the same amount of plutonium as the  
15 amount of plutonium intended to be dis-  
16 posed of in the MOX facility exists, meet-  
17 ing the requirements of the Business Oper-  
18 ating Procedure of the National Nuclear  
19 Security Administration entitled “Analysis  
20 of Alternatives” and dated March 14, 2016  
21 (BOP–03.07); and

22           (ii) the remaining lifecycle cost, deter-  
23 mined in a manner consistent with the cost  
24 estimating and assessment best practices  
25 of the Government Accountability Office,

1 as found in the document of the Govern-  
2 ment Accountability Office entitled “GAO  
3 Cost Estimating and Assessment Guide”  
4 (GAO-09-3SP), for the alternative option  
5 would be less than half of the estimated re-  
6 maining lifecycle cost of the mixed-oxide  
7 fuel program; and

8 (C) the details of any statutory or regu-  
9 latory changes necessary to complete the alter-  
10 native option.

11 (2) ESTIMATES.—The Secretary shall ensure  
12 that the estimates used by the Secretary for pur-  
13 poses of the certification under paragraph (1)(B) are  
14 of comparable accuracy.

15 (c) DEFINITIONS.—In this section:

16 (1) MOX FACILITY.—The term “MOX facility”  
17 means the mixed-oxide fuel fabrication facility at the  
18 Savannah River Site, Aiken, South Carolina.

19 (2) PROJECT SUPPORT ACTIVITIES.—The term  
20 “project support activities” means activities that  
21 support the design, long-lead equipment procure-  
22 ment, and site preparation of the MOX facility.

1 **SEC. 3113. REPEAL, CONSOLIDATION, AND MODIFICATION**  
2 **OF REPORTING REQUIREMENTS.**

3 (a) REPEAL OF ANNUAL REPORT ON STATUS OF NU-  
4 CLEAR MATERIALS PROTECTION, CONTROL, AND AC-  
5 COUNTING PROGRAM.—

6 (1) IN GENERAL.—Section 4303 of the Atomic  
7 Energy Defense Act (50 U.S.C. 2563) is repealed.

8 (2) CLERICAL AMENDMENT.—The table of con-  
9 tents for the Atomic Energy Defense Act is amended  
10 by striking the item relating to section 4303.

11 (b) MODIFICATION OF REPORT ON STATUS OF SECU-  
12 RITY OF ATOMIC ENERGY DEFENSE FACILITIES.—Sec-  
13 tion 4506 of the Atomic Energy Defense Act (50 U.S.C.  
14 2657) is amended by striking “each year” each place it  
15 appears and inserting “each odd-numbered year”.

16 (c) PLAN FOR ADDRESSING SECURITY RISKS POSED  
17 TO NUCLEAR WEAPONS COMPLEX.—

18 (1) CONSOLIDATION INTO STOCKPILE STEW-  
19 ARDSHIP AND MANAGEMENT PLAN.—Section 4203  
20 of the Atomic Energy Defense Act (50 U.S.C. 2523)  
21 is amended—

22 (A) in subsection (c)—

23 (i) by redesignating paragraphs (6)  
24 and (7) as paragraphs (7) and (8), respec-  
25 tively; and

1 (ii) by inserting after paragraph (5)  
2 the following new paragraph:

3 “(6) A summary of the plan for the research  
4 and development, deployment, and lifecycle  
5 sustainment of technologies employed within the nu-  
6 clear security enterprise.”; and

7 (B) in subsection (d)—

8 (i) by redesignating paragraph (7) as  
9 paragraph (8); and

10 (ii) by inserting after paragraph (6)  
11 the following new paragraph:

12 “(7) A plan, developed in consultation with the  
13 Associate Under Secretary for Environment, Health,  
14 Safety, and Security of the Department of Energy,  
15 for the research and development, deployment, and  
16 lifecycle sustainment of the technologies employed  
17 within the nuclear security enterprise to address  
18 physical and cyber security threats during the five  
19 fiscal years following the date of the report, together  
20 with—

21 “(A) for each site in the nuclear security  
22 enterprise, a description of the technologies de-  
23 ployed to address the physical and cyber secu-  
24 rity threats posed to that site; and

1           “(B) for each site and for the nuclear se-  
2           curity enterprise, the methods used by the Ad-  
3           ministration to establish priorities among in-  
4           vestments in physical and cyber security tech-  
5           nologies.”.

6           (2) CONFORMING REPEAL.—Section 3253(b) of  
7           the National Nuclear Security Administration Act  
8           (50 U.S.C. 2453(b)) is amended by striking para-  
9           graph (5).

10          (d) MODIFICATION OF SUBMISSION OF SELECTED  
11       ACQUISITION REPORTS.—Section 4217(a) of the Atomic  
12       Energy Defense Act (50 U.S.C. 2537(a)) is amended—

13           (1) in paragraph (1)—

14           (A) by striking “each fiscal-year quarter”  
15           and inserting “the first quarter of each fiscal  
16           year”;

17           (B) by striking “or a major” and inserting  
18           “and each major”; and

19           (C) by inserting “during the preceding fis-  
20           cal year” after “4713(a)(2)”; and

21           (2) in paragraph (2)—

22           (A) by striking “a fiscal-year quarter” and  
23           inserting “a fiscal year”; and

1 (B) by striking “such fiscal-year quarter”  
2 and inserting “each fiscal-year quarter in that  
3 fiscal year”.

4 (e) MODIFICATION OF SUBMISSION OF PLAN FOR  
5 MEETING NATIONAL SECURITY REQUIREMENTS FOR  
6 UNENCUMBERED URANIUM.—Section 4221(a) of the  
7 Atomic Energy Defense Act (50 U.S.C. 2538c(a)) is  
8 amended by striking “Concurrent with” and all that fol-  
9 lows through “2026” and inserting “Not later than De-  
10 cember 31 of each even-numbered year through 2026”.

11 (f) MODIFICATIONS TO DEFENSE NUCLEAR NON-  
12 PROLIFERATION MANAGEMENT PLAN.—

13 (1) MODIFICATION OF SUBMISSION.—Section  
14 4309 of the Atomic Energy Defense Act (50 U.S.C.  
15 2575) is amended—

16 (A) by striking subsection (c);

17 (B) by redesignating subsection (b) as sub-  
18 section (c); and

19 (C) by striking subsection (a) and insert-  
20 ing the following new subsections:

21 “(a) PLAN REQUIRED.—The Administrator shall de-  
22 velop and annually update a five-year management plan  
23 for activities associated with the defense nuclear non-  
24 proliferation programs of the Administration to prevent  
25 and counter the proliferation of materials, technology,

1 equipment, and expertise related to nuclear and radio-  
2 logical weapons in order to minimize and address the risk  
3 of nuclear terrorism and the proliferation of such weapons.

4 “(b) SUBMISSION TO CONGRESS.—(1) Not later than  
5 March 15 of each even-numbered year, the Administrator  
6 shall submit to the congressional defense committees a  
7 summary of the plan developed under subsection (a).

8 “(2) Not later than March 15 of each odd-numbered  
9 year, the Administrator shall submit to the congressional  
10 defense committees a detailed report on the plan developed  
11 under subsection (a).

12 “(3) Each summary submitted under paragraph (1)  
13 and each report submitted under paragraph (2) shall be  
14 submitted in unclassified form, but may include a classi-  
15 fied annex if necessary.”.

16 (2) ELIMINATION OF IDENTIFICATION OF FU-  
17 TURE INTERNATIONAL CONTRIBUTIONS.—Subsection  
18 (c) of such section, as redesignated by paragraph  
19 (1)(B), is further amended—

20 (A) by striking paragraph (14); and

21 (B) by redesignating paragraphs (15) and  
22 (16) as paragraphs (14) and (15), respectively.

23 (3) CONFORMING AMENDMENTS.—Subsection  
24 (c) of such section, as redesignated by paragraph

1 (1)(B) and amended by paragraph (2), is further  
2 amended—

3 (A) in paragraph (2), by striking “the plan  
4 required by subsection (a)” and inserting “the  
5 summary required by paragraph (1) of sub-  
6 section (b) or the report required by paragraph  
7 (2) of that subsection, as the case may be”;

8 (B) in paragraph (6), by striking “the plan  
9 required by subsection (a)” and inserting “the  
10 summary required by paragraph (1) of sub-  
11 section (b) or the report required by paragraph  
12 (2) of that subsection, as the case may be”;

13 (C) in paragraph (7), by striking “the plan  
14 required by subsection (a)” and inserting “the  
15 summary required by paragraph (1) of sub-  
16 section (b) or the report required by paragraph  
17 (2) of that subsection, as the case may be,”;

18 (D) in paragraph (9), by striking “the plan  
19 required by subsection (a)” and inserting “the  
20 summary required by paragraph (1) of sub-  
21 section (b) or the report required by paragraph  
22 (2) of that subsection, as the case may be,”;

23 and

24 (E) in paragraph (10), by striking “the  
25 plan required by subsection (a)” and inserting

1 “the summary required by paragraph (1) of  
2 subsection (b) or the report required by para-  
3 graph (2) of that subsection, as the case may  
4 be.”.

5 (g) **MODIFICATION OF SUBMISSION OF COST-BEN-**  
6 **EFIT ANALYSES FOR COMPETITION OF MANAGEMENT**  
7 **AND OPERATING CONTRACTS.**—Section 3121 of the Na-  
8 tional Defense Authorization Act for Fiscal Year 2013  
9 (Public Law 112–239; 126 Stat. 2175), as most recently  
10 amended by section 3135 of the National Defense Author-  
11 ization Act for Fiscal Year 2016 (Public Law 114–92; 129  
12 Stat. 1207), is further amended in subsection (a) by strik-  
13 ing “30 days” and inserting “180 days”.

14 **SEC. 3114. NATIONAL NUCLEAR SECURITY ADMINISTRA-**  
15 **TION PERSONNEL SYSTEM.**

16 (a) **IN GENERAL.**—Subtitle C of the National Nu-  
17 clear Security Administration Act (50 U.S.C. 2441 et  
18 seq.) is amended by adding at the end the following new  
19 section:

20 **“SEC. 3248. ALTERNATIVE PERSONNEL SYSTEM.**

21 “(a) **IN GENERAL.**—The Administrator may adapt  
22 the pay banding and performance-based pay adjustment  
23 demonstration project carried out by the Administration  
24 under the authority provided by section 4703 of title 5,  
25 United States Code, into a permanent alternative per-

1 sonnel system for the Administration (to be known as the  
2 ‘National Nuclear Security Administration Personnel Sys-  
3 tem’) and implement that system with respect to employ-  
4 ees of the Administration.

5 “(b) MODIFICATIONS.—In adapting the demonstra-  
6 tion project described in subsection (a) into a permanent  
7 alternative personnel system, the Administrator—

8 “(1) may, subject to paragraph (2), revise the  
9 requirements and limitations of the demonstration  
10 project to the extent necessary; and

11 “(2) shall ensure that the permanent alter-  
12 native personnel system is carried out in a manner  
13 consistent with the final plan for the demonstration  
14 project (72 Fed. Reg. 72776).

15 “(c) APPLICATION TO NAVAL NUCLEAR PROPULSION  
16 PROGRAM.—The Administrator may apply the alternative  
17 personnel system under subsection (a) to all employees of  
18 the Naval Nuclear Propulsion Program in the competitive  
19 service (as defined in section 2102 of title 5, United States  
20 Code).”.

21 (b) CLERICAL AMENDMENT.—The table of contents  
22 for the National Nuclear Security Administration Act is  
23 amended by inserting after the item relating to section  
24 3247 the following new item:

“Sec. 3248. Alternative personnel system.”.

1 **SEC. 3115. ANNUAL REPORTS ON UNFUNDED PRIORITIES**  
2 **OF NATIONAL NUCLEAR SECURITY ADMINIS-**  
3 **TRATION.**

4 (a) IN GENERAL.—Subtitle A of title XLVII of the  
5 Atomic Energy Defense Act (50 U.S.C. 2741 et seq.) is  
6 amended by adding at the end the following new section:

7 **“SEC. 4715. UNFUNDED PRIORITIES OF THE NATIONAL NU-**  
8 **CLEAR SECURITY ADMINISTRATION.**

9 “(a) ANNUAL REPORT.—Not later than 10 days after  
10 the date on which the budget of the President for a fiscal  
11 year is submitted to Congress pursuant to section 1105(a)  
12 of title 31, United States Code, the Administrator shall  
13 submit to the Secretary of Energy and the congressional  
14 defense committees a report on the unfunded priorities of  
15 the Administration.

16 “(b) ELEMENTS.—

17 “(1) IN GENERAL.—Each report required by  
18 subsection (a) shall specify, for each unfunded pri-  
19 ority covered by the report, the following:

20 “(A) A summary description of that pri-  
21 ority, including the objectives to be achieved if  
22 that priority is funded (whether in whole or in  
23 part).

24 “(B) The additional amount of funds rec-  
25 ommended in connection with the objectives  
26 under subparagraph (A).

1           “(C) Account information with respect to  
2           that priority.

3           “(2) PRIORITIZATION OF PRIORITIES.—Each  
4           report required by subsection (a) shall present the  
5           unfunded priorities covered by the report in order of  
6           urgency of priority.

7           “(c) UNFUNDED PRIORITY DEFINED.—In this sec-  
8           tion, the term ‘unfunded priority’, in the case of a fiscal  
9           year, means a program, activity, or mission requirement  
10          that—

11           “(1) is not funded in the budget of the Presi-  
12           dent for that fiscal year as submitted to Congress  
13           pursuant to section 1105(a) of title 31, United  
14           States Code;

15           “(2) is necessary to fulfill a requirement associ-  
16           ated with an operational or contingency plan or  
17           other validated requirement of the Administration;  
18           and

19           “(3) would have been recommended for funding  
20           through the budget referred to in paragraph (1) by  
21           the Secretary of Energy—

22           “(A) if additional resources were available  
23           for the budget to fund the program, activity, or  
24           mission requirement; or

1           “(B) in the case of a program, activity, or  
2           mission requirement that emerged after the  
3           budget was formulated, if the program, activity,  
4           or mission requirement had emerged before the  
5           budget was formulated.”.

6           (b) CLERICAL AMENDMENT.—The table of contents  
7           for the Atomic Energy Defense Act is amended by insert-  
8           ing after the item relating to section 4714 the following  
9           new item:

          “Sec. 4715. Unfunded priorities of the National Nuclear Security Administra-  
          tion.”.

10   **TITLE       XXXII—DEFENSE       NU-**  
11       **CLEAR   FACILITIES   SAFETY**  
12       **BOARD**

13   **SEC. 3201. AUTHORIZATION.**

14       There are authorized to be appropriated for fiscal  
15   year 2018, \$30,600,000 for the operation of the Defense  
16   Nuclear Facilities Safety Board under chapter 21 of the  
17   Atomic Energy Act of 1954 (42 U.S.C. 2286 et seq.).

18       **TITLE XXXV—MARITIME**  
19       **ADMINISTRATION**

20   **SEC. 3501. MARITIME ADMINISTRATION.**

21       Section 109 of title 49, United States Code, is  
22   amended to read as follows:

1 **“§ 109. Maritime Administration**

2       “(a) ORGANIZATION AND MISSION.—The Maritime  
3 Administration is an administration in the Department of  
4 Transportation. The mission of the Maritime Administra-  
5 tion is to foster, promote, and develop the merchant mari-  
6 time industry of the United States.

7       “(b) MARITIME ADMINISTRATOR.—The head of the  
8 Maritime Administration is the Maritime Administrator,  
9 who is appointed by the President by and with the advice  
10 and consent of the Senate. The Administrator shall report  
11 directly to the Secretary of Transportation and carry out  
12 the duties prescribed by the Secretary.

13       “(c) DEPUTY MARITIME ADMINISTRATOR.—The  
14 Maritime Administration shall have a Deputy Maritime  
15 Administrator, who is appointed in the competitive service  
16 by the Secretary, after consultation with the Adminis-  
17 trator. The Deputy Administrator shall carry out the du-  
18 ties prescribed by the Administrator. The Deputy Admin-  
19 istrator shall be Acting Administrator during the absence  
20 or disability of the Administrator and, unless the Sec-  
21 retary designates another individual, during a vacancy in  
22 the office of Administrator.

23       “(d) DUTIES AND POWERS VESTED IN SEC-  
24 RETARY.—All duties and powers of the Maritime Adminis-  
25 tration are vested in the Secretary.

1       “(e) REGIONAL OFFICES.—The Maritime Adminis-  
2 tration shall have regional offices for the Atlantic, Gulf,  
3 Great Lakes, and Pacific port ranges, and may have other  
4 regional offices as necessary. The Secretary shall appoint  
5 a qualified individual as Director of each regional office.  
6 The Secretary shall carry out appropriate activities and  
7 programs of the Maritime Administration through the re-  
8 gional offices.

9       “(f) INTERAGENCY AND INDUSTRY RELATIONS.—  
10 The Secretary shall establish and maintain liaison with  
11 other agencies, and with representative trade organiza-  
12 tions throughout the United States, concerned with the  
13 transportation of commodities by water in the export and  
14 import foreign commerce of the United States, for the pur-  
15 pose of securing preference to vessels of the United States  
16 for the transportation of those commodities.

17       “(g) DETAILING OFFICERS FROM ARMED FORCES.—  
18 To assist the Secretary in carrying out duties and powers  
19 relating to the Maritime Administration, not more than  
20 five officers of the Armed Forces may be detailed to the  
21 Secretary at any one time, in addition to details author-  
22 ized by any other law. During the period of a detail, the  
23 Secretary shall pay the officer an amount that, when  
24 added to the officer’s pay and allowances as an officer in  
25 the Armed Forces, makes the officer’s total pay and allow-

1 ances equal to the amount that would be paid to an indi-  
2 vidual performing work the Secretary considers to be of  
3 similar importance, difficulty, and responsibility as that  
4 performed by the officer during the detail.

5 “(h) CONTRACTS, COOPERATIVE AGREEMENTS, AND  
6 AUDITS.—

7 “(1) CONTRACTS AND COOPERATIVE AGREE-  
8 MENTS.—In the same manner that a private cor-  
9 poration may make a contract within the scope of its  
10 authority under its charter, the Secretary may make  
11 contracts and cooperative agreements for the United  
12 States Government and disburse amounts to—

13 “(A) carry out the Secretary’s duties and  
14 powers under this section, subtitle V of title 46,  
15 and all other Maritime Administration pro-  
16 grams; and

17 “(B) protect, preserve, and improve collat-  
18 eral held by the Secretary to secure indebted-  
19 ness.

20 “(2) AUDITS.—The financial transactions of  
21 the Secretary under paragraph (1) shall be audited  
22 by the Comptroller General. The Comptroller Gen-  
23 eral shall allow credit for an expenditure shown to  
24 be necessary because of the nature of the business  
25 activities authorized by this section or subtitle V of

1 title 46. At least once a year, the Comptroller Gen-  
2 eral shall report to Congress any departure by the  
3 Secretary from this section or subtitle V of title 46.

4 “(i) GRANT ADMINISTRATIVE EXPENSES.—Except as  
5 otherwise provided by law, the administrative and related  
6 expenses for the administration of any grant programs by  
7 the Maritime Administrator may not exceed 3 percent.

8 “(j) AUTHORIZATION OF APPROPRIATIONS.—

9 “(1) IN GENERAL.—Except as otherwise pro-  
10 vided in this subsection, there are authorized to be  
11 appropriated such amounts as may be necessary to  
12 carry out the duties and powers of the Secretary re-  
13 lating to the Maritime Administration.

14 “(2) LIMITATIONS.—Only those amounts spe-  
15 cifically authorized by law may be appropriated for  
16 the use of the Maritime Administration for—

17 “(A) acquisition, construction, or recon-  
18 struction of vessels;

19 “(B) construction-differential subsidies in-  
20 cident to the construction, reconstruction, or re-  
21 conditioning of vessels;

22 “(C) costs of national defense features;

23 “(D) payments of obligations incurred for  
24 operating-differential subsidies;

1           “(E) expenses necessary for research and  
2           development activities, including reimbursement  
3           of the Vessel Operations Revolving Fund for  
4           losses resulting from expenses of experimental  
5           vessel operations;

6           “(F) the Vessel Operations Revolving  
7           Fund;

8           “(G) National Defense Reserve Fleet ex-  
9           penses;

10           “(H) expenses necessary to carry out part  
11           B of subtitle V of title 46; and

12           “(I) other operations and training expenses  
13           related to the development of waterborne trans-  
14           portation systems, the use of waterborne trans-  
15           portation systems, and general administra-  
16           tion.”.

## 17   **DIVISION D—FUNDING TABLES**

### 18   **SEC. 4001. AUTHORIZATION OF AMOUNTS IN FUNDING TA-**

#### 19           **BLES.**

20           (a) IN GENERAL.—Whenever a funding table in this  
21           division specifies a dollar amount authorized for a project,  
22           program, or activity, the obligation and expenditure of the  
23           specified dollar amount for the project, program, or activ-  
24           ity is hereby authorized, subject to the availability of ap-  
25           propriations.

1 (b) MERIT-BASED DECISIONS.—A decision to com-  
2 mit, obligate, or expend funds with or to a specific entity  
3 on the basis of a dollar amount authorized pursuant to  
4 subsection (a) shall—

5 (1) be based on merit-based selection proce-  
6 dures in accordance with the requirements of sec-  
7 tions 2304(k) and 2374 of title 10, United States  
8 Code, or on competitive procedures; and

9 (2) comply with other applicable provisions of  
10 law.

11 (c) RELATIONSHIP TO TRANSFER AND PROGRAM-  
12 MING AUTHORITY.—An amount specified in the funding  
13 tables in this division may be transferred or repro-  
14 grammed under a transfer or reprogramming authority  
15 provided by another provision of this Act or by other law.  
16 The transfer or reprogramming of an amount specified in  
17 such funding tables shall not count against a ceiling on  
18 such transfers or reprogrammings under section 1001 or  
19 section 1522 of this Act or any other provision of law,  
20 unless such transfer or reprogramming would move funds  
21 between appropriation accounts.

22 (d) APPLICABILITY TO CLASSIFIED ANNEX.—This  
23 section applies to any classified annex that accompanies  
24 this Act.

1 (e) ORAL WRITTEN COMMUNICATIONS.—No oral or  
 2 written communication concerning any amount specified  
 3 in the funding tables in this division shall supersede the  
 4 requirements of this section.

5 **TITLE XLI—PROCUREMENT**

6 **SEC. 4101. PROCUREMENT.**

| <b>SEC. 4101. PROCUREMENT</b><br>(In Thousands of Dollars) |   |                        |                          |
|--|---|------------------------|--------------------------|
| <b>Line</b>  | <b>Item</b>   | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
| <b>AIRCRAFT PROCUREMENT, ARMY</b>                          |   |                        |                          |
| <b>FIXED WING</b>  |   |                        |                          |
| 2  | UTILITY F/W AIRCRAFT .....  | 75,115                 | 75,115                   |
| 4  | MQ-1 UAV .....  | 30,206                 | 130,206                  |
|  | UFR: ER Improved Gray Eagle Air Vehicles .....                                      |                        | [100,000]                |
| <b>ROTARY</b>  |   |                        |                          |
| 5  | HELICOPTER, LIGHT UTILITY (LUH) .....   | 108,383                | 108,383                  |
| 6  | AH-64 APACHE BLOCK IIIA REMAN .....   | 725,976                | 764,976                  |
|  | UFR: Procures remanufactured AH64Es .....   |                        | [39,000]                 |
| 7  | AH-64 APACHE BLOCK IIIA REMAN (AP) .....  | 170,910                | 170,910                  |
| 8  | AH-64 APACHE BLOCK IIIB NEW BUILD .....   | 374,100                | 647,800                  |
|  | UFR: Procures AH-64E .....  |                        | [273,700]                |
| 9  | AH-64 APACHE BLOCK IIIB NEW BUILD (AP) .....  | 71,900                 | 71,900                   |
| 10   | UH-60 BLACKHAWK M MODEL (MYP) .....   | 938,308                | 938,308                  |
| 11   | UH-60 BLACKHAWK M MODEL (MYP) (AP) .....  | 86,295                 | 86,295                   |
| 12   | UH-60 BLACK HAWK A AND L MODELS .....   | 76,516                 | 76,516                   |
| 13   | CH-47 HELICOPTER .....  | 202,576                | 449,140                  |
|  | UFR: New Build MH-47G aircraft .....  |                        | [246,564]                |
| 14   | CH-47 HELICOPTER (AP) .....   | 17,820                 | 17,820                   |
| <b>MODIFICATION OF AIRCRAFT</b>                            |   |                        |                          |
| 15   | MQ-1 PAYLOAD (MIP) .....  | 5,910                  | 21,910                   |
|  | UFR: Procures of Common Sensor Payloads .....                                       |                        | [16,000]                 |
| 16   | UNIVERSAL GROUND CONTROL EQUIPMENT (UAS) .....                                      | 15,000                 | 15,000                   |
| 17   | GRAY EAGLE MODS2 .....  | 74,291                 | 74,291                   |
| 18   | MULTI SENSOR ABN RECON (MIP) .....  | 68,812                 | 98,287                   |
|  | UFR: Procures of Electronic Intelligence (ELINT) upgrades .....                     |                        | [29,475]                 |
| 19   | AH-64 MODS .....  | 238,141                | 238,141                  |
| 20   | CH-47 CARGO HELICOPTER MODS (MYP) .....   | 20,166                 | 20,166                   |
| 21   | GRCS SEMA MODS (MIP) .....  | 5,514                  | 5,514                    |
| 22   | ARL SEMA MODS (MIP) .....   | 11,650                 | 11,650                   |
| 23   | EMARSS SEMA MODS (MIP) .....  | 15,279                 | 15,279                   |
| 24   | UTILITY/CARGO AIRPLANE MODS .....   | 57,737                 | 57,737                   |
| 25   | UTILITY HELICOPTER MODS .....   | 5,900                  | 5,900                    |
| 26   | NETWORK AND MISSION PLAN .....  | 142,102                | 142,102                  |
| 27   | COMMS, NAV SURVEILLANCE .....   | 166,050                | 166,050                  |
| 28   | GATM ROLLUP .....   | 37,403                 | 37,403                   |
| 29   | RQ-7 UAV MODS .....   | 83,160                 | 214,160                  |
|  | UFR: Procures Shadow V2 BLK III systems .....                                       |                        | [131,000]                |
| 30   | UAS MODS .....  | 26,109                 | 26,429                   |
|  | UFR: Procures OSRVT systems .....   |                        | [320]                    |
| <b>GROUND SUPPORT AVIONICS</b>                             |   |                        |                          |
| 31   | AIRCRAFT SURVIVABILITY EQUIPMENT .....  | 70,913                 | 70,913                   |
| 32   | SURVIVABILITY CM .....  | 5,884                  | 5,884                    |
| 33   | CMWS .....  | 26,825                 | 51,825                   |
|  | UFR: Limited Interim Missile Warning System (LIMWS) Quick Reaction Capability ..... |                        | [25,000]                 |
| 34   | COMMON INFRARED COUNTERMEASURES (CIRCM) .....                                       | 6,337                  | 31,337                   |
|  | UFR: CIRCM B-Kits .....   |                        | [25,000]                 |
| <b>OTHER SUPPORT</b>                                       |   |                        |                          |
| 35   | AVIONICS SUPPORT EQUIPMENT .....  | 7,038                  | 7,038                    |
| 36   | COMMON GROUND EQUIPMENT .....   | 47,404                 | 47,404                   |
| 37   | AIRCREW INTEGRATED SYSTEMS .....  | 47,066                 | 47,066                   |
| 38   | AIR TRAFFIC CONTROL .....   | 83,790                 | 84,905                   |
|  | UFR: Airspace Information System shelter and Alternate Workstation .....            |                        | [1,115]                  |
| 39   | INDUSTRIAL FACILITIES .....   | 1,397                  | 1,397                    |
| 40   | LAUNCHER, 2.75 ROCKET .....   | 1,911                  | 1,911                    |
|  | <b>TOTAL AIRCRAFT PROCUREMENT, ARMY</b> .....                                       | <b>4,149,894</b>       | <b>5,037,068</b>         |
| <b>MISSILE PROCUREMENT, ARMY</b>                           |   |                        |                          |
| <b>SURFACE-TO-AIR MISSILE SYSTEM</b>                       |   |                        |                          |
| 1  | LOWER TIER AIR AND MISSILE DEFENSE (AMD) .....                                      | 140,826                | 140,826                  |

**SEC. 4101. PROCUREMENT**  
**(In Thousands of Dollars)**

| <b>Line</b> | <b>Item</b>  | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|-------------|--|------------------------|--------------------------|
| 2           | MSE MISSILE .....  | 459,040                | 1,109,081                |
|             | UFR: Additional MSE missiles .....   |                        | [650,041]                |
| 3           | INDIRECT FIRE PROTECTION CAPABILITY INC 2-I .....  | 57,742                 | 38,742                   |
|             | Available prior year funds .....   |                        | [-19,000]                |
|             | <b>AIR-TO-SURFACE MISSILE SYSTEM</b>   |                        |                          |
| 5           | HELLFIRE SYS SUMMARY .....   | 94,790                 | 104,860                  |
|             | UFR: Procures maximum Hellfire missile .....   |                        | [10,070]                 |
| 6           | JOINT AIR-TO-GROUND MSLs (JAGM) .....  | 178,432                | 133,432                  |
|             | Excess due to delays .....   |                        | [-45,000]                |
|             | <b>ANTI-TANK/ASSAULT MISSILE SYS</b>   |                        |                          |
| 8           | JAVELIN (AAWS-M) SYSTEM SUMMARY .....  | 110,123                | 257,488                  |
|             | UFR: Procures additional Javelin .....   |                        | [147,365]                |
| 9           | TOW 2 SYSTEM SUMMARY .....   | 85,851                 | 85,851                   |
| 10          | TOW 2 SYSTEM SUMMARY (AP) .....  | 19,949                 | 19,949                   |
| 11          | GUIDED MLRS ROCKET (GMLRS) .....   | 595,182                | 609,682                  |
|             | UFR: Tooling and practice rounds .....   |                        | [14,500]                 |
| 12          | MLRS REDUCED RANGE PRACTICE ROCKETS (RRPR) .....   | 28,321                 | 34,651                   |
|             | UFR: Funds Reduced Range Practice Rockets .....  |                        | [6,330]                  |
|             | <b>MODIFICATIONS</b>   |                        |                          |
| 15          | PATRIOT MODS .....   | 329,073                | 496,527                  |
|             | UFR: Procures additional ELES .....  |                        | [167,454]                |
| 16          | ATACMS MODS .....  | 116,040                | 185,440                  |
|             | UFR: Additional ATACMS .....   |                        | [69,400]                 |
| 17          | GMLRS MOD .....  | 531                    | 531                      |
| 18          | STINGER MODS .....   | 63,090                 | 91,890                   |
|             | UFR: Maximizes Stinger .....   |                        | [28,800]                 |
| 19          | AVENGER MODS .....   | 62,931                 | 62,931                   |
| 20          | ITAS/TOW MODS .....  | 3,500                  | 3,500                    |
| 21          | MLRS MODS .....  | 138,235                | 187,117                  |
|             | UFR: Procures M270A1 MLRS launchers .....  |                        | [48,882]                 |
| 22          | HIMARS MODIFICATIONS .....   | 9,566                  | 9,566                    |
|             | <b>AIR-TO-SURFACE MISSILE SYSTEM</b>   |                        |                          |
| 27          | HIMARS .....   | 0                      | 435,728                  |
|             | UFR: Procures HIMARS launchers .....   |                        | [435,728]                |
|             | <b>SPARES AND REPAIR PARTS</b>   |                        |                          |
| 23          | SPARES AND REPAIR PARTS .....  | 18,915                 | 18,915                   |
|             | <b>SUPPORT EQUIPMENT &amp; FACILITIES</b>  |                        |                          |
| 24          | AIR DEFENSE TARGETS .....  | 5,728                  | 5,728                    |
| 26          | PRODUCTION BASE SUPPORT .....  | 1,189                  | 1,189                    |
|             | <b>TOTAL MISSILE PROCUREMENT, ARMY</b> .....   | <b>2,519,054</b>       | <b>4,033,624</b>         |
|             | <b>PROCUREMENT OF W&amp;TCV, ARMY</b>  |                        |                          |
|             | <b>TRACKED COMBAT VEHICLES</b>   |                        |                          |
| 1           | BRADLEY PROGRAM .....  | 0                      | 111,000                  |
|             | UFR: Recap 1 Infantry Battalion Set of M2A4 .....  |                        | [111,000]                |
| 2           | ARMORED MULTI PURPOSE VEHICLE (AMPV) .....   | 193,715                | 193,715                  |
|             | <b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>   |                        |                          |
| 4           | STRYKER (MOD) .....  | 97,552                 | 793,052                  |
|             | UFR: Second SBCT set of 30mm .....   |                        | [347,500]                |
|             | UFR: Stryker ECP .....   |                        | [348,000]                |
| 6           | BRADLEY PROGRAM (MOD) .....  | 444,851                | 444,851                  |
| 7           | M109 FOV MODIFICATIONS .....   | 64,230                 | 64,230                   |
| 8           | PALADIN INTEGRATED MANAGEMENT (PIM) .....  | 646,413                | 646,413                  |
| 9           | IMPROVED RECOVERY VEHICLE (M88A2 HERCULES) .....   | 72,402                 | 194,402                  |
|             | UFR: Procures one ABCT set of HERCULES (M88A2) .....   |                        | [122,000]                |
| 10          | ASSAULT BRIDGE (MOD) .....   | 5,855                  | 5,855                    |
| 11          | ASSAULT BREACHER VEHICLE .....   | 34,221                 | 94,221                   |
|             | UFR: Procures Assault Breacher Vehicles, Combat Dozer Blades, Full Width Mine Plows ...          |                        | [60,000]                 |
| 12          | M88 FOV MODS .....   | 4,826                  | 4,826                    |
| 13          | JOINT ASSAULT BRIDGE .....   | 128,350                | 128,350                  |
| 14          | M1 ABRAMS TANK (MOD) .....   | 248,826                | 469,826                  |
|             | UFR: Completes the first Brigade set of Trophy (NDI APS) for Abrams w/ ERI OCO (1 APS Set) ..... |                        | [221,000]                |
| 15          | ABRAMS UPGRADE PROGRAM .....   | 275,000                | 836,000                  |
|             | UFR: Recapitalization of 29 Abrams tanks to M1A2SEPv3 .....                                      |                        | [561,000]                |
|             | <b>WEAPONS &amp; OTHER COMBAT VEHICLES</b>   |                        |                          |
| 18          | M240 MEDIUM MACHINE GUN (7.62MM) .....   | 1,992                  | 4,342                    |
|             | UFR: Procures additional .....   |                        | [2,350]                  |
| 19          | MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPON S .....  | 6,520                  | 26,520                   |
|             | UFR: Procures M3E1 light weight Carl Gustaf weapon systems .....                                 |                        | [20,000]                 |
| 20          | MORTAR SYSTEMS .....   | 21,452                 | 34,502                   |
|             | UFR: Procures M121 120mm Mortars .....   |                        | [13,050]                 |
| 21          | XM320 GRENADE LAUNCHER MODULE (GLM) .....  | 4,524                  | 5,323                    |
|             | UFR: Procures M320A1 40mm Grenade Launchers .....  |                        | [799]                    |
| 23          | CARBINE .....  | 43,150                 | 57,137                   |
|             | UFR: Procures M4A1 carbines .....  |                        | [13,987]                 |
| 24          | COMMON REMOTELY OPERATED WEAPONS STATION .....   | 750                    | 10,750                   |
|             | UFR: Accelerate CROWS modifications .....  |                        | [10,000]                 |

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| <b>Line</b> | <b>Item</b>  | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|-------------|--|------------------------|--------------------------|
| 25          | HANDGUN .....  | 8,326                  | 8,704                    |
|             | UFR: Procures Modular Handgun Systems .....                                      |                        | [378]                    |
|             | <b>MOD OF WEAPONS AND OTHER COMBAT VEH</b>                                       |                        |                          |
| 26          | MK-19 GRENADE MACHINE GUN MODS .....   | 2,000                  | 2,000                    |
| 27          | M777 MODS .....  | 3,985                  | 89,772                   |
|             | UFR: Funds M777 lightweight towed howitzers .....                                |                        | [85,787]                 |
| 28          | M4 CARBINE MODS .....  | 31,315                 | 31,315                   |
| 29          | M2 50 CAL MACHINE GUN MODS .....   | 47,414                 | 52,670                   |
|             | UFR: Procures M2A1 .50cal machine .....  |                        | [2,350]                  |
|             | UFR: Procures Mk93 MG mounts, M2A1 .50cal MGs, M205 tripods .....                |                        | [2,906]                  |
| 30          | M249 SAW MACHINE GUN MODS .....  | 3,339                  | 3,339                    |
| 31          | M240 MEDIUM MACHINE GUN MODS .....   | 4,577                  | 11,159                   |
|             | UFR: Procures M192 tripods, M240B 7.62mm, M240L 7.62mm, Gun Optics .....         |                        | [6,582]                  |
| 32          | SNIPER RIFLES MODIFICATIONS .....  | 1,488                  | 1,488                    |
| 33          | M119 MODIFICATIONS .....   | 12,678                 | 12,678                   |
| 34          | MORTAR MODIFICATION .....  | 3,998                  | 3,998                    |
| 35          | MODIFICATIONS LESS THAN \$5.0M (WOCV-WTCV) .....                                 | 2,219                  | 2,219                    |
|             | <b>SUPPORT EQUIPMENT &amp; FACILITIES</b>  |                        |                          |
| 36          | ITEMS LESS THAN \$5.0M (WOCV-WTCV) .....   | 5,075                  | 7,788                    |
|             | UFR: Procures M150 Rifle Combat Optic (RCO); M68 Close Combat Optics (CCO) ..... |                        | [2,713]                  |
| 37          | PRODUCTION BASE SUPPORT (WOCV-WTCV) .....  | 992                    | 992                      |
| 39          | SMALL ARMS EQUIPMENT (SOLDIER ENH PROG) .....                                    | 1,573                  | 1,573                    |
|             | <b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY</b> .....                                | <b>2,423,608</b>       | <b>4,355,010</b>         |
|             | <b>PROCUREMENT OF AMMUNITION, ARMY</b>   |                        |                          |
|             | <b>SMALL/MEDIUM CAL AMMUNITION</b>   |                        |                          |
| 1           | CTG, 5.56MM, ALL TYPES .....   | 39,767                 | 46,992                   |
|             | UFR: Additional ammunition .....   |                        | [7,225]                  |
| 2           | CTG, 7.62MM, ALL TYPES .....   | 46,804                 | 61,704                   |
|             | UFR: Additional ammunition .....   |                        | [14,900]                 |
| 3           | CTG, HANDGUN, ALL TYPES .....  | 10,413                 | 10,503                   |
|             | UFR: Additional ammunition .....   |                        | [90]                     |
| 4           | CTG, .50 CAL, ALL TYPES .....  | 62,837                 | 71,727                   |
|             | UFR: Additional ammunition .....   |                        | [8,890]                  |
| 5           | CTG, 20MM, ALL TYPES .....   | 8,208                  | 8,208                    |
| 6           | CTG, 25MM, ALL TYPES .....   | 8,640                  | 40,502                   |
|             | UFR: Additional ammunition .....   |                        | [31,862]                 |
| 7           | CTG, 30MM, ALL TYPES .....   | 76,850                 | 79,000                   |
|             | UFR: Additional ammunition .....   |                        | [2,150]                  |
| 8           | CTG, 40MM, ALL TYPES .....   | 108,189                | 125,380                  |
|             | UFR: Additional ammunition .....   |                        | [17,191]                 |
|             | <b>MORTAR AMMUNITION</b>   |                        |                          |
| 9           | 60MM MORTAR, ALL TYPES .....   | 57,359                 | 59,865                   |
|             | UFR: Additional ammunition .....   |                        | [2,506]                  |
| 10          | 81MM MORTAR, ALL TYPES .....   | 49,471                 | 52,580                   |
|             | UFR: Additional mortar .....   |                        | [3,109]                  |
| 11          | 120MM MORTAR, ALL TYPES .....  | 91,528                 | 109,720                  |
|             | UFR: Additional 120mm .....  |                        | [18,192]                 |
|             | <b>TANK AMMUNITION</b>   |                        |                          |
| 12          | CARTRIDGES, TANK, 105MM AND 120MM, ALL TYPES .....                               | 133,500                | 173,800                  |
|             | UFR: Additional Tank cartridge .....   |                        | [40,300]                 |
|             | <b>ARTILLERY AMMUNITION</b>  |                        |                          |
| 13          | ARTILLERY CARTRIDGES, 75MM & 105MM, ALL TYPES .....                              | 44,200                 | 44,200                   |
| 14          | ARTILLERY PROJECTILE, 155MM, ALL TYPES .....                                     | 187,149                | 346,330                  |
|             | UFR: Additional ammunition .....   |                        | [159,181]                |
| 15          | PROJ 155MM EXTENDED RANGE M982 .....   | 49,000                 | 282,500                  |
|             | UFR: Excalibur .....   |                        | [233,500]                |
| 16          | ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....                              | 83,046                 | 163,768                  |
|             | UFR: Additional PGK, prop charges, artillery fuzes .....                         |                        | [48,601]                 |
|             | UFR: Required to execute simultaneous OPLAN .....                                |                        | [32,121]                 |
|             | <b>MINES</b>   |                        |                          |
| 17          | MINES & CLEARING CHARGES, ALL TYPES .....  | 3,942                  | 6,992                    |
|             | UFR: Additional ammunition .....   |                        | [3,050]                  |
|             | <b>ROCKETS</b>   |                        |                          |
| 19          | SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....                                     | 5,000                  | 66,881                   |
|             | UFR: Additional rockets, grenades .....  |                        | [61,881]                 |
| 20          | ROCKET, HYDRA 70, ALL TYPES .....  | 161,155                | 229,242                  |
|             | UFR: Additional APKWS .....  |                        | [68,087]                 |
|             | <b>OTHER AMMUNITION</b>  |                        |                          |
| 21          | CAD/PAD, ALL TYPES .....   | 7,441                  | 7,441                    |
| 22          | DEMOLITION MUNITIONS, ALL TYPES .....  | 19,345                 | 21,606                   |
|             | UFR: Additional munitions .....  |                        | [2,261]                  |
| 23          | GRENADES, ALL TYPES .....  | 22,759                 | 48,120                   |
|             | UFR: Additional ammunition .....   |                        | [25,361]                 |
| 24          | SIGNALS, ALL TYPES .....   | 2,583                  | 3,412                    |
|             | UFR: Additional signal munitions .....   |                        | [829]                    |
| 25          | SIMULATORS, ALL TYPES .....  | 13,084                 | 13,534                   |
|             | UFR: Additional signal munitions .....   |                        | [450]                    |

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|--------------------------------------|---|------------------------|--------------------------|
| <b>MISCELLANEOUS</b>                 |   |                        |                          |
| 26                                   | AMMO COMPONENTS, ALL TYPES .....  | 12,237                 | 12,237                   |
| 27                                   | NON-LETHAL AMMUNITION, ALL TYPES .....                                  | 1,500                  | 1,650                    |
|                                      | UFR: Non-Lethal Hand Grenade Munitions .....                            |                        | [150]                    |
| 28                                   | ITEMS LESS THAN \$5 MILLION (AMMO) .....                                | 10,730                 | 14,395                   |
|                                      | UFR: Additional ammunition .....  |                        | [3,665]                  |
| 29                                   | AMMUNITION PECULLAR EQUIPMENT .....                                     | 16,425                 | 16,425                   |
| 30                                   | FIRST DESTINATION TRANSPORTATION (AMMO) .....                           | 15,221                 | 15,221                   |
| <b>PRODUCTION BASE SUPPORT</b>       |   |                        |                          |
| 32                                   | INDUSTRIAL FACILITIES .....   | 329,356                | 429,356                  |
|                                      | UFR: Upgrade at GOCO Army ammunition plants .....                       |                        | [100,000]                |
| 33                                   | CONVENTIONAL MUNITIONS DEMILITARIZATION .....                           | 197,825                | 197,825                  |
| 34                                   | ARMS INITIATIVE .....   | 3,719                  | 3,719                    |
|                                      | <b>TOTAL PROCUREMENT OF AMMUNITION, ARMY</b> .....                      | <b>1,879,283</b>       | <b>2,764,835</b>         |
| <b>OTHER PROCUREMENT, ARMY</b>       |   |                        |                          |
| <b>TACTICAL VEHICLES</b>             |   |                        |                          |
| 1                                    | TACTICAL TRAILERS/DOLLY SETS .....                                      | 9,716                  | 10,871                   |
|                                      | UFR: Provides self-haul capability to Engineer Construction Units ..... |                        | [1,155]                  |
| 2                                    | SEMITRAILERS, FLATBED: .....  | 14,151                 | 41,151                   |
|                                      | UFR: Procures 100 % of equipment shortage in Europe for M872 .....      |                        | [27,000]                 |
| 3                                    | AMBULANCE, 4 LITTER, 5/4 TON, 4X4 .....                                 | 53,000                 | 68,593                   |
|                                      | UFR: Procures HMMWV ambulances .....                                    |                        | [15,000]                 |
|                                      | UFR: Support increased end-strength .....                               |                        | [593]                    |
| 4                                    | GROUND MOBILITY VEHICLES (GMV) .....                                    | 40,935                 | 40,935                   |
| 6                                    | JOINT LIGHT TACTICAL VEHICLE .....                                      | 804,440                | 804,440                  |
| 7                                    | TRUCK, DUMP, 20T (CCE) .....  | 967                    | 967                      |
| 8                                    | FAMILY OF MEDIUM TACTICAL VEH (FMTV) .....                              | 78,650                 | 263,872                  |
|                                      | UFR: Procures vehicles .....  |                        | [185,222]                |
| 9                                    | FIRETRUCKS & ASSOCIATED FIREFIGHTING EQUIP .....                        | 19,404                 | 19,404                   |
| 10                                   | FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) .....                          | 81,656                 | 89,099                   |
|                                      | UFR: Procures Forward Repair Systems (FRS) .....                        |                        | [7,443]                  |
| 11                                   | PLS ESP .....   | 7,129                  | 59,804                   |
|                                      | UFR: Provides transportation of ammunition and break-bulk cargo .....   |                        | [52,675]                 |
| 13                                   | TACTICAL WHEELED VEHICLE PROTECTION KITS .....                          | 43,040                 | 43,040                   |
| 14                                   | MODIFICATION OF IN SVC EQUIP .....                                      | 83,940                 | 191,667                  |
|                                      | UFR: Additional Buffalo and MMPV .....                                  |                        | [107,727]                |
| <b>NON-TACTICAL VEHICLES</b>         |   |                        |                          |
| 16                                   | HEAVY ARMORED SEDAN .....   | 269                    | 269                      |
| 17                                   | PASSENGER CARRYING VEHICLES .....                                       | 1,320                  | 1,320                    |
| 18                                   | NON-TACTICAL VEHICLES, OTHER .....                                      | 6,964                  | 6,964                    |
| <b>COMM—JOINT COMMUNICATIONS</b>     |   |                        |                          |
| 19                                   | WIN-T—GROUND FORCES TACTICAL NETWORK .....                              | 420,492                | 0                        |
|                                      | Early to need .....   |                        | [-420,492]               |
| 20                                   | SIGNAL MODERNIZATION PROGRAM .....                                      | 92,718                 | 92,718                   |
| 21                                   | TACTICAL NETWORK TECHNOLOGY MOD IN SVC .....                            | 150,497                | 150,497                  |
| 22                                   | JOINT INCIDENT SITE COMMUNICATIONS CAPABILITY .....                     | 6,065                  | 6,065                    |
| 23                                   | JCSE EQUIPMENT (USREDCOM) .....   | 5,051                  | 5,051                    |
| <b>COMM—SATELLITE COMMUNICATIONS</b> |   |                        |                          |
| 24                                   | DEFENSE ENTERPRISE WIDEBAND SATCOM SYSTEMS .....                        | 161,383                | 161,383                  |
| 25                                   | TRANSPORTABLE TACTICAL COMMAND COMMUNICATIONS .....                     | 62,600                 | 62,600                   |
| 26                                   | SHF TERM .....  | 11,622                 | 11,622                   |
| 28                                   | SMART-T (SPACE) .....   | 6,799                  | 6,799                    |
| 29                                   | GLOBAL BRDCST SVC—GBS .....   | 7,065                  | 18,065                   |
|                                      | UFR: Procures Global Broadcast Systems .....                            |                        | [11,000]                 |
| 31                                   | ENROUTE MISSION COMMAND (EMC) .....                                     | 21,667                 | 21,667                   |
| <b>COMM—COMBAT SUPPORT COMM</b>      |   |                        |                          |
| 33                                   | MOD-IN-SERVICE PROFILER .....   | 70                     | 70                       |
| <b>COMM—C3 SYSTEM</b>                |   |                        |                          |
| 34                                   | ARMY GLOBAL CMD & CONTROL SYS (AGCCS) .....                             | 2,658                  | 2,658                    |
| <b>COMM—COMBAT COMMUNICATIONS</b>    |   |                        |                          |
| 36                                   | HANDHELD MANPACK SMALL FORM FIT (HMS) .....                             | 355,351                | 355,351                  |
| 37                                   | MID-TIER NETWORKING VEHICULAR RADIO (MNVR) .....                        | 25,100                 | 25,100                   |
| 38                                   | RADIO TERMINAL SET, MIDS LVT(2) .....                                   | 11,160                 | 11,160                   |
| 40                                   | TRACTOR DESK .....  | 2,041                  | 2,041                    |
| 41                                   | TRACTOR RIDE .....  | 5,534                  | 13,734                   |
|                                      | UFR: Procurement of Offensive Cyber Operations .....                    |                        | [8,200]                  |
| 42                                   | SPIDER APLA REMOTE CONTROL UNIT .....                                   | 996                    | 996                      |
| 43                                   | SPIDER FAMILY OF NETWORKED MUNITIONS INCR .....                         | 4,500                  | 6,858                    |
|                                      | UFR: Procures SPIDER INC IA systems .....                               |                        | [2,358]                  |
| 45                                   | TACTICAL COMMUNICATIONS AND PROTECTIVE SYSTEM .....                     | 4,411                  | 4,411                    |
| 46                                   | UNIFIED COMMAND SUITE .....   | 15,275                 | 15,275                   |
| 47                                   | FAMILY OF MED COMM FOR COMBAT CASUALTY CARE .....                       | 15,964                 | 15,964                   |
| <b>COMM—INTELLIGENCE COMM</b>        |   |                        |                          |
| 49                                   | CI AUTOMATION ARCHITECTURE .....  | 9,560                  | 9,560                    |
| 50                                   | DEFENSE MILITARY DECEPTION INITIATIVE .....                             | 4,030                  | 4,030                    |
| <b>INFORMATION SECURITY</b>          |   |                        |                          |
| 54                                   | COMMUNICATIONS SECURITY (COMSEC) .....                                  | 107,804                | 131,082                  |

**SEC. 4101. PROCUREMENT**  
**(In Thousands of Dollars)**

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|-------------|--|------------------------|--------------------------|
|             | UFR: Security Data System and End Cryptographic Units .....                          |                        | [23,278]                 |
| 55          | DEFENSIVE CYBER OPERATIONS .....   | 53,436                 | 61,436                   |
|             | UFR: Funds Deployable DCO Systems for COMPO 2&3 Cyber Protection Teams .....         |                        | [8,000]                  |
| 56          | INSIDER THREAT PROGRAM—UNIT ACTIVITY MONITO .....                                    | 690                    | 690                      |
| 57          | PERSISTENT CYBER TRAINING ENVIRONMENT .....  | 4,000                  | 4,000                    |
|             | <b>COMM—LONG HAUL COMMUNICATIONS</b>   |                        |                          |
| 58          | BASE SUPPORT COMMUNICATIONS .....  | 43,751                 | 43,751                   |
|             | <b>COMM—BASE COMMUNICATIONS</b>  |                        |                          |
| 59          | INFORMATION SYSTEMS .....  | 118,101                | 118,101                  |
| 60          | EMERGENCY MANAGEMENT MODERNIZATION PROGRAM .....                                     | 4,490                  | 4,490                    |
| 61          | HOME STATION MISSION COMMAND CENTERS (HSMCC) .....                                   | 20,050                 | 20,050                   |
| 62          | INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....                                   | 186,251                | 186,251                  |
|             | <b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>  |                        |                          |
| 65          | JTT/CIBS-M .....   | 12,154                 | 19,754                   |
|             | UFR: Procures critical spare parts .....   |                        | [7,600]                  |
| 68          | DCGS-A (MIP) .....   | 274,782                | 124,782                  |
|             | Changing tactical requirements .....   |                        | [-150,000]               |
| 70          | TROJAN (MIP) .....   | 16,052                 | 29,212                   |
|             | UFR: Procures TROJAN SPIRIT .....  |                        | [13,160]                 |
| 71          | MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....  | 51,034                 | 51,034                   |
| 72          | CI HUMINT AUTO REPRTING AND COLL(CHARCS) .....                                       | 7,815                  | 7,891                    |
|             | UFR: Provides CI/HUMINT Automated Reporting and Collection System capabilities ..... |                        | [76]                     |
| 73          | CLOSE ACCESS TARGET RECONNAISSANCE (CATR) .....                                      | 8,050                  | 8,050                    |
| 74          | MACHINE FOREIGN LANGUAGE TRANSLATION SYSTEM-M .....                                  | 567                    | 567                      |
|             | <b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>   |                        |                          |
| 76          | LIGHTWEIGHT COUNTER MORTAR RADAR .....   | 20,459                 | 20,459                   |
| 77          | EW PLANNING & MANAGEMENT TOOLS (EWPMIT) .....  | 5,805                  | 5,805                    |
| 78          | AIR VIGILANCE (AV) .....   | 5,348                  | 5,348                    |
| 81          | COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....                                   | 469                    | 469                      |
| 82          | CI MODERNIZATION .....   | 285                    | 285                      |
|             | <b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>   |                        |                          |
| 83          | SENTINEL MODS .....  | 28,491                 | 100,491                  |
|             | UFR: Procures additional Sentinel Radars .....                                       |                        | [72,000]                 |
| 84          | NIGHT VISION DEVICES .....   | 166,493                | 231,498                  |
|             | New night vision testing devices .....   |                        | [2,500]                  |
|             | UFR: Accelerates fielding of the LTLM .....  |                        | [15,749]                 |
|             | UFR: AN/PVS-14 Night Vision Goggles .....  |                        | [5,414]                  |
|             | UFR: Enhanced Night Vision Goggles .....   |                        | [4,608]                  |
|             | UFR: Security Force Assistance Bde .....   |                        | [36,734]                 |
| 85          | SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....                                      | 13,947                 | 16,097                   |
|             | UFR: Procures Small Tactical Optical Rifle Mounted laser range finder .....          |                        | [2,150]                  |
| 87          | INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....                                     | 21,380                 | 598,663                  |
|             | UFR: IFPC/Averner Battalions and Warn Suites .....                                   |                        | [577,283]                |
| 88          | FAMILY OF WEAPON SIGHTS (FWS) .....  | 59,105                 | 59,105                   |
| 89          | ARTILLERY ACCURACY EQUIP .....   | 2,129                  | 2,129                    |
| 91          | JOINT BATTLE COMMAND—PLATFORM (JBC-P) .....  | 282,549                | 402,971                  |
|             | UFR: Replenishes Joint Battle Command- Platform .....                                |                        | [120,422]                |
| 92          | JOINT EFFECTS TARGETING SYSTEM (JETS) .....  | 48,664                 | 48,664                   |
| 93          | MOD OF IN-SVC EQUIP (LLDR) .....   | 5,198                  | 5,198                    |
| 94          | COMPUTER BALLISTICS: LHMC XM32 .....   | 8,117                  | 8,117                    |
| 95          | MORTAR FIRE CONTROL SYSTEM .....   | 31,813                 | 52,513                   |
|             | UFR: Procures Mortar Fire Control systems (M95, M96) .....                           |                        | [20,700]                 |
| 96          | COUNTERFIRE RADARS .....   | 329,057                | 393,257                  |
|             | UFR: Procures AN/TPQ-53 Counterfire Target Acquisition Radar System .....            |                        | [64,200]                 |
|             | <b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>   |                        |                          |
| 97          | FIRE SUPPORT C2 FAMILY .....   | 8,700                  | 13,458                   |
|             | UFR: Additional Advanced Field Artillery Tactical Data System (AFATDS) .....         |                        | [4,758]                  |
| 98          | AIR & MSL DEFENSE PLANNING & CONTROL SYS .....                                       | 26,635                 | 123,613                  |
|             | UFR: Supports fielding (AMD) mission command assets to a Army Corps HQ .....         |                        | [96,978]                 |
| 100         | LIFE CYCLE SOFTWARE SUPPORT (LCSS) .....   | 1,992                  | 1,992                    |
| 101         | NETWORK MANAGEMENT INITIALIZATION AND SERVICE .....                                  | 15,179                 | 15,179                   |
| 102         | MANEUVER CONTROL SYSTEM (MCS) .....  | 132,572                | 137,391                  |
|             | UFR: Tactical Mission Command Equipment .....  |                        | [4,819]                  |
| 103         | GLOBAL COMBAT SUPPORT SYSTEM-ARMY (GCSS-A) .....                                     | 37,201                 | 37,201                   |
| 104         | INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPP) .....                                 | 16,140                 | 16,140                   |
| 105         | RECONNAISSANCE AND SURVEYING INSTRUMENT SET .....                                    | 6,093                  | 25,848                   |
|             | UFR: Procures Engineer Instrument Set Field Reconnaissance and Survey Kits .....     |                        | [19,755]                 |
| 106         | MOD OF IN-SVC EQUIPMENT (ENFIRE) .....   | 1,134                  | 2,593                    |
|             | UFR: Support Security Force Assistance Bde .....                                     |                        | [1,459]                  |
|             | <b>ELECT EQUIP—AUTOMATION</b>  |                        |                          |
| 107         | ARMY TRAINING MODERNIZATION .....  | 11,575                 | 11,575                   |
| 108         | AUTOMATED DATA PROCESSING EQUIP .....  | 91,983                 | 76,983                   |
|             | Accelerate commercial IT solutions .....   |                        | [-15,000]                |
| 109         | GENERAL FUND ENTERPRISE BUSINESS SYSTEMS FAM .....                                   | 4,465                  | 4,465                    |
| 110         | HIGH PERF COMPUTING MOD PGM (HPCMP) .....  | 66,363                 | 66,363                   |
| 111         | CONTRACT WRITING SYSTEM .....  | 1,001                  | 1,001                    |
| 112         | RESERVE COMPONENT AUTOMATION SYS (RCAS) .....  | 26,183                 | 26,183                   |
|             | <b>ELECT EQUIP—AUDIO VISUAL SYS (AV)</b>   |                        |                          |

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|-------------|---|------------------------|--------------------------|
| 113         | TACTICAL DIGITAL MEDIA .....  | 4,441                  | 4,441                    |
| 114         | ITEMS LESS THAN \$5M (SURVEYING EQUIPMENT) .....  | 3,414                  | 16,414                   |
|             | UFR: Accelerate procurement of Global Positioning System-Survey .....                   |                        | [3,000]                  |
|             | UFR: Procures Automated Integrated Survey Instrument (AISI) systems .....               |                        | [10,000]                 |
|             | <b>ELECT EQUIP—SUPPORT</b>  |                        |                          |
| 115         | PRODUCTION BASE SUPPORT (C-E) .....   | 499                    | 499                      |
| 116         | BCT EMERGING TECHNOLOGIES .....   | 25,050                 | 25,050                   |
|             | <b>CLASSIFIED PROGRAMS</b>  |                        |                          |
| 185         | CLASSIFIED PROGRAMS .....   | 4,819                  | 4,819                    |
|             | <b>CHEMICAL DEFENSIVE EQUIPMENT</b>   |                        |                          |
| 117         | PROTECTIVE SYSTEMS .....  | 1,613                  | 1,613                    |
| 118         | FAMILY OF NON-LETHAL EQUIPMENT (FNLE) .....   | 9,696                  | 9,696                    |
| 120         | CBRN DEFENSE .....  | 11,110                 | 11,110                   |
|             | <b>BRIDGING EQUIPMENT</b>   |                        |                          |
| 121         | TACTICAL BRIDGING .....   | 16,610                 | 16,610                   |
| 122         | TACTICAL BRIDGE, FLOAT-RIBBON .....   | 21,761                 | 43,761                   |
|             | UFR: Procures Bridge Erection Boats .....   |                        | [22,000]                 |
| 124         | COMMON BRIDGE TRANSPORTER (CBT) RECAP .....   | 21,046                 | 71,446                   |
|             | UFR: Procure Common Bridge Transporters .....   |                        | [50,400]                 |
|             | <b>ENGINEER (NON-CONSTRUCTION) EQUIPMENT</b>  |                        |                          |
| 125         | HANDHELD STANDOFF MINEFIELD DETECTION SYS-HST .....                                     | 5,000                  | 10,600                   |
|             | UFR: Procures hand held mine detectors .....  |                        | [5,600]                  |
| 126         | GRND STANDOFF MINE DETECTN SYSM (GSTAMIDS) .....  | 32,442                 | 43,262                   |
|             | UFR: Equipment for 15th and 16th ABCT .....   |                        | [10,820]                 |
| 127         | AREA MINE DETECTION SYSTEM (AMDS) .....   | 10,571                 | 10,571                   |
| 128         | HUSKY MOUNTED DETECTION SYSTEM (HMDS) .....   | 21,695                 | 24,095                   |
|             | UFR: Procures Husky Mounted Detection System .....                                      |                        | [2,400]                  |
| 129         | ROBOTIC COMBAT SUPPORT SYSTEM (RCSS) .....  | 4,516                  | 19,616                   |
|             | UFR: Procures M160s .....   |                        | [15,100]                 |
| 130         | EOD ROBOTICS SYSTEMS RECAPITALIZATION .....   | 10,073                 | 21,073                   |
|             | UFR: Procures the Talon 5A robot .....  |                        | [11,000]                 |
| 131         | ROBOTICS AND APPLIQUE SYSTEMS .....   | 3,000                  | 3,000                    |
| 133         | REMOTE DEMOLITION SYSTEMS .....   | 5,847                  | 7,039                    |
|             | UFR: Procures Radio Frequency Remote Activated Munitions .....                          |                        | [1,192]                  |
| 134         | < \$5M, COUNTERMINE EQUIPMENT .....   | 1,530                  | 1,530                    |
| 135         | FAMILY OF BOATS AND MOTORS .....  | 4,302                  | 4,302                    |
|             | <b>COMBAT SERVICE SUPPORT EQUIPMENT</b>   |                        |                          |
| 136         | HEATERS AND ECU'S .....   | 7,405                  | 16,461                   |
|             | UFR: Procures Improved Environmental Control Units .....                                |                        | [9,056]                  |
| 137         | SOLDIER ENHANCEMENT .....   | 1,095                  | 1,095                    |
| 138         | PERSONNEL RECOVERY SUPPORT SYSTEM (PRSS) .....  | 5,390                  | 5,390                    |
| 139         | GROUND SOLDIER SYSTEM .....   | 38,219                 | 48,027                   |
|             | UFR: Procures NETT Warrior .....  |                        | [9,808]                  |
| 140         | MOBILE SOLDIER POWER .....  | 10,456                 | 12,018                   |
|             | UFR: Procures ISPDS-C systems for a Security Forces Assistance Bde .....                |                        | [1,562]                  |
| 142         | FIELD FEEDING EQUIPMENT .....   | 15,340                 | 29,780                   |
|             | UFR: BCT support equipment .....  |                        | [14,440]                 |
| 143         | CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....                                     | 30,607                 | 30,607                   |
| 144         | FAMILY OF ENGR COMBAT AND CONSTRUCTION SETS .....                                       | 10,426                 | 20,162                   |
|             | UFR: Engineering equipment .....  |                        | [9,736]                  |
|             | <b>PETROLEUM EQUIPMENT</b>  |                        |                          |
| 146         | QUALITY SURVEILLANCE EQUIPMENT .....  | 6,903                  | 6,903                    |
| 147         | DISTRIBUTION SYSTEMS, PETROLEUM & WATER .....   | 47,597                 | 47,597                   |
|             | <b>MEDICAL EQUIPMENT</b>  |                        |                          |
| 148         | COMBAT SUPPORT MEDICAL .....  | 43,343                 | 43,343                   |
|             | <b>MAINTENANCE EQUIPMENT</b>  |                        |                          |
| 149         | MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....  | 33,774                 | 55,365                   |
|             | UFR: Shop equipment .....   |                        | [21,591]                 |
| 150         | ITEMS LESS THAN \$5.0M (MAINT EQ) .....   | 2,728                  | 3,682                    |
|             | UFR: Additional equipment for growing Army .....  |                        | [954]                    |
|             | <b>CONSTRUCTION EQUIPMENT</b>   |                        |                          |
| 151         | GRADER, ROAD MTZD, HVY, 6X4 (CCE) .....   | 989                    | 15,719                   |
|             | UFR: Procures 48 Graders for the 16th ABCT .....  |                        | [14,730]                 |
| 152         | SCRAPERS, EARTHMOVING .....   | 11,180                 | 11,180                   |
| 155         | ALL TERRAIN CRANES .....  | 8,935                  | 11,935                   |
|             | UFR: Procures cranes to support bridging assets .....                                   |                        | [3,000]                  |
| 157         | HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....   | 64,339                 | 84,899                   |
|             | UFR: Procures HMEE for the 16th ABCT .....  |                        | [20,560]                 |
| 158         | ENHANCED RAPID AIRFIELD CONSTRUCTION CAPAP .....  | 2,563                  | 2,563                    |
| 160         | CONST EQUIP ESP .....   | 19,032                 | 89,711                   |
|             | UFR: Procures Engineer Mission Module—Water Distributors and 31 Vibratory Rollers ..... |                        | [7,000]                  |
|             | UFR: Procures T9 Dozers and Armor Kits .....  |                        | [63,679]                 |
| 161         | ITEMS LESS THAN \$5.0M (CONST EQUIP) .....  | 6,899                  | 16,911                   |
|             | UFR: Procures 2 Vibratory Plate Compactors (VPC) for the 16th ABCT .....                |                        | [10,012]                 |
|             | <b>RAIL FLOAT CONTAINERIZATION EQUIPMENT</b>  |                        |                          |
| 162         | ARMY WATERCRAFT ESP .....   | 20,110                 | 20,110                   |
| 163         | ITEMS LESS THAN \$5.0M (FLOAT/RAIL) .....   | 2,877                  | 2,877                    |
|             | <b>GENERATORS</b>   |                        |                          |

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| 164         | GENERATORS AND ASSOCIATED EQUIP .....                                    | 115,635                | 142,845                  |
|             | UFR: Additional equipment for growing Army .....                         |                        | [27,210]                 |
| 165         | TACTICAL ELECTRIC POWER RECAPITALIZATION .....                           | 7,436                  | 7,436                    |
|             | <b>MATERIAL HANDLING EQUIPMENT</b>                                       |                        |                          |
| 166         | FAMILY OF FORKLIFTS .....  | 9,000                  | 10,635                   |
|             | UFR: Procures additional 5K LCRTF .....                                  |                        | [1,635]                  |
|             | <b>TRAINING EQUIPMENT</b>  |                        |                          |
| 167         | COMBAT TRAINING CENTERS SUPPORT .....                                    | 88,888                 | 88,888                   |
| 168         | TRAINING DEVICES, NONSYSTEM .....  | 285,989                | 285,989                  |
| 169         | CLOSE COMBAT TACTICAL TRAINER .....                                      | 45,718                 | 45,718                   |
| 170         | AVIATION COMBINED ARMS TACTICAL TRAINER .....                            | 30,568                 | 30,568                   |
| 171         | GAMING TECHNOLOGY IN SUPPORT OF ARMY TRAINING .....                      | 5,406                  | 5,406                    |
|             | <b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>                              |                        |                          |
| 172         | CALIBRATION SETS EQUIPMENT .....   | 5,564                  | 5,564                    |
| 173         | INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....                         | 30,144                 | 30,144                   |
| 174         | TEST EQUIPMENT MODERNIZATION (TEMOD) .....                               | 7,771                  | 8,296                    |
|             | UFR: Test Equipment Modernization systems (TEMOD) .....                  |                        | [525]                    |
|             | <b>OTHER SUPPORT EQUIPMENT</b>   |                        |                          |
| 175         | M25 STABILIZED BINOCULAR .....   | 3,956                  | 3,956                    |
| 176         | RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....                          | 5,000                  | 10,000                   |
|             | UFR: Support 10 initiatives per year .....                               |                        | [5,000]                  |
| 177         | PHYSICAL SECURITY SYSTEMS (OPA3) .....                                   | 60,047                 | 60,047                   |
| 178         | BASE LEVEL COMMON EQUIPMENT .....  | 13,239                 | 13,239                   |
| 179         | MODIFICATION OF IN-SVC EQUIPMENT (OPA-3) .....                           | 60,192                 | 120,326                  |
|             | UFR: Additional support equipment .....                                  |                        | [60,134]                 |
| 180         | PRODUCTION BASE SUPPORT (OTH) .....                                      | 2,271                  | 2,271                    |
| 181         | SPECIAL EQUIPMENT FOR USER TESTING .....                                 | 5,319                  | 5,319                    |
| 182         | TRACTOR YARD .....   | 5,935                  | 5,935                    |
| 186         | INTELLIGENT REMOTE IMAGING SPECTOMETER—GROUND SYSTEM .....               | 0                      | 8,600                    |
|             | UFR: Development of six focal plan arrays .....                          |                        | [8,600]                  |
| 187         | FORCE PROVIDER EXPEDITIONARY .....                                       | 0                      | 27,700                   |
|             | UFR: Procures Force Providers Battle-loss and components for RESET ..... |                        | [27,700]                 |
| 188         | HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....                        | 0                      | 132,250                  |
|             | UFR: Procures HEMTTS .....   |                        | [132,250]                |
| 189         | FIRE PROTECTION TYPE I .....   | 0                      | 54                       |
|             | UFR: Procures Fire Protection Type 1 sets .....                          |                        | [54]                     |
|             | <b>OPA2</b>  |                        |                          |
| 184         | INITIAL SPARES—C&E .....   | 38,269                 | 14,329                   |
|             | Early to need .....  |                        | [-23,940]                |
|             | <b>TOTAL OTHER PROCUREMENT, ARMY</b> .....                               | <b>6,469,331</b>       | <b>7,960,663</b>         |
|             | <b>JOINT IMPROVISED-THREAT DEFEAT FUND</b>                               |                        |                          |
|             | <b>NETWORK ATTACK</b>  |                        |                          |
| 1           | RAPID ACQUISITION AND THREAT RESPONSE .....                              | 14,442                 | 14,442                   |
|             | <b>TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND</b> .....                   | <b>14,442</b>          | <b>14,442</b>            |
|             | <b>AIRCRAFT PROCUREMENT, NAVY</b>  |                        |                          |
|             | <b>COMBAT AIRCRAFT</b>   |                        |                          |
| 2           | F/A-18E/F (FIGHTER) HORNET .....   | 1,200,146              | 1,939,146                |
|             | UFR: Additional F/A-18 E/F Super Hornets .....                           |                        | [739,000]                |
| 3           | F/A-18E/F (FIGHTER) HORNET (AP) .....                                    | 52,971                 | 52,971                   |
| 4           | JOINT STRIKE FIGHTER CV .....  | 582,324                | 1,382,324                |
|             | UFR: Additional F-35C .....  |                        | [800,000]                |
| 5           | JOINT STRIKE FIGHTER CV (AP) .....                                       | 263,112                | 263,112                  |
| 6           | JSF STOVL .....  | 2,398,139              | 2,923,739                |
|             | UFR: Additional F-35B .....  |                        | [525,600]                |
| 7           | JSF STOVL (AP) .....   | 413,450                | 413,450                  |
| 8           | CH-53K (HEAVY LIFT) .....  | 567,605                | 847,805                  |
|             | UFR: Additional CH-53K .....   |                        | [280,200]                |
| 9           | CH-53K (HEAVY LIFT) (AP) .....   | 147,046                | 147,046                  |
| 10          | V-22 (MEDIUM LIFT) .....   | 677,404                | 1,239,868                |
|             | Multi-year savings .....   |                        | [-10,000]                |
|             | UFR: Additional MV-22/V-22 .....   |                        | [180,464]                |
|             | UFR: Additional MV-22B .....   |                        | [392,000]                |
| 11          | V-22 (MEDIUM LIFT) (AP) .....  | 27,422                 | 27,422                   |
| 12          | H-1 UPGRADES (UH-1Y/AH-1Z) .....   | 678,429                | 898,929                  |
|             | UFR: Additional AH-1Z .....  |                        | [220,500]                |
| 13          | H-1 UPGRADES (UH-1Y/AH-1Z) (AP) .....                                    | 42,082                 | 42,082                   |
| 16          | P-8A POSEIDON .....  | 1,245,251              | 2,256,251                |
|             | UFR: Additional P-8A Poseidon .....                                      |                        | [1,011,000]              |
| 17          | P-8A POSEIDON (AP) .....   | 140,333                | 140,333                  |
| 18          | E-2D ADV HAWKEYE .....   | 733,910                | 733,910                  |
| 19          | E-2D ADV HAWKEYE (AP) .....  | 102,026                | 102,026                  |
|             | <b>OTHER AIRCRAFT</b>  |                        |                          |
| 22          | KC-130J .....  | 129,577                | 472,277                  |
|             | UFR: Additional KC-130J .....  |                        | [342,700]                |
| 23          | KC-130J (AP) .....   | 25,497                 | 25,497                   |
| 24          | MQ-4 TRITON .....  | 522,126                | 522,126                  |

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**(In Thousands of Dollars)**

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|-------------|--|------------------------|--------------------------|
| 25          | MQ-4 TRITON (AP) .....                               | 57,266                 | 57,266                   |
| 26          | MQ-8 UAV .....                                       | 49,472                 | 49,472                   |
| 27          | OTHER SUPPORT AIRCRAFT .....                         | 0                      | 59,200                   |
| 27          | STUASL0 UAV .....                                    | 880                    | 880                      |
|             | UFR: Procure additional aircraft .....               |                        | [59,200]                 |
| 71          | C-40A AIRCRAFT PROCUREMENT .....                     | 0                      | 215,000                  |
|             | UFR: Procure additional aircraft .....               |                        | [215,000]                |
|             | <b>MODIFICATION OF AIRCRAFT</b>                      |                        |                          |
| 30          | AEA SYSTEMS .....                                    | 52,960                 | 52,960                   |
| 31          | AV-8 SERIES .....                                    | 43,555                 | 43,555                   |
| 32          | ADVERSARY .....                                      | 2,565                  | 2,565                    |
| 33          | F-18 SERIES .....                                    | 1,043,661              | 1,124,761                |
|             | UFR: ALQ-214 USMC Retrofit .....                     |                        | [65,100]                 |
|             | UFR: ALR-67 Retrofit A-KITS and Partial B-Kits ..... |                        | [16,000]                 |
| 34          | H-53 SERIES .....                                    | 38,712                 | 38,712                   |
| 35          | SH-60 SERIES .....                                   | 95,333                 | 95,333                   |
| 36          | H-1 SERIES .....                                     | 101,886                | 101,886                  |
| 37          | EP-3 SERIES .....                                    | 7,231                  | 7,231                    |
| 38          | P-3 SERIES .....                                     | 700                    | 700                      |
| 39          | E-2 SERIES .....                                     | 97,563                 | 97,563                   |
| 40          | TRAINER A/C SERIES .....                             | 8,184                  | 8,184                    |
| 41          | C-2A .....   | 18,673                 | 18,673                   |
| 42          | C-130 SERIES .....                                   | 83,541                 | 83,541                   |
| 43          | FEWSG .....  | 630                    | 630                      |
| 44          | CARGO/TRANSPORT A/C SERIES .....                     | 10,075                 | 10,075                   |
| 45          | E-6 SERIES .....                                     | 223,508                | 223,508                  |
| 46          | EXECUTIVE HELICOPTERS SERIES .....                   | 38,787                 | 38,787                   |
| 47          | SPECIAL PROJECT AIRCRAFT .....                       | 8,304                  | 8,304                    |
| 48          | T-45 SERIES .....                                    | 148,071                | 148,071                  |
| 49          | POWER PLANT CHANGES .....                            | 19,827                 | 19,827                   |
| 50          | JPATS SERIES .....                                   | 27,007                 | 27,007                   |
| 51          | COMMON ECM EQUIPMENT .....                           | 146,642                | 146,642                  |
| 52          | COMMON AVIONICS CHANGES .....                        | 123,507                | 123,507                  |
| 53          | COMMON DEFENSIVE WEAPON SYSTEM .....                 | 2,317                  | 2,317                    |
| 54          | ID SYSTEMS .....                                     | 49,524                 | 49,524                   |
| 55          | P-8 SERIES .....                                     | 18,665                 | 18,665                   |
| 56          | MAGTF EW FOR AVIATION .....                          | 10,111                 | 10,111                   |
| 57          | MQ-8 SERIES .....                                    | 32,361                 | 32,361                   |
| 59          | V-22 (TILT/ROTOR ACFT) OSPREY .....                  | 228,321                | 228,321                  |
| 60          | F-35 STOVL SERIES .....                              | 34,963                 | 34,963                   |
| 61          | F-35 CV SERIES .....                                 | 31,689                 | 31,689                   |
| 62          | QRC .....  | 24,766                 | 24,766                   |
| 63          | MQ-4 SERIES .....                                    | 39,996                 | 39,996                   |
|             | <b>AIRCRAFT SPARES AND REPAIR PARTS</b>              |                        |                          |
| 64          | SPARES AND REPAIR PARTS .....                        | 1,681,914              | 1,981,658                |
|             | UFR: C-40A Spares .....                              |                        | [12,600]                 |
|             | UFR: CH-53K Spares .....                             |                        | [7,500]                  |
|             | UFR: F-35B Spares .....                              |                        | [91,000]                 |
|             | UFR: Fund to max executable .....                    |                        | [168,000]                |
|             | UFR: KC-130J Spares .....                            |                        | [12,844]                 |
|             | UFR: UC-12W Spares .....                             |                        | [7,800]                  |
|             | <b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>       |                        |                          |
| 65          | COMMON GROUND EQUIPMENT .....                        | 388,052                | 405,552                  |
|             | UFR: F/A-18C/D Training Systems .....                |                        | [17,500]                 |
| 66          | AIRCRAFT INDUSTRIAL FACILITIES .....                 | 24,613                 | 24,613                   |
| 67          | WAR CONSUMABLES .....                                | 39,614                 | 39,614                   |
| 68          | OTHER PRODUCTION CHARGES .....                       | 1,463                  | 1,463                    |
| 69          | SPECIAL SUPPORT EQUIPMENT .....                      | 48,500                 | 48,500                   |
| 70          | FIRST DESTINATION TRANSPORTATION .....               | 1,976                  | 1,976                    |
|             | <b>TOTAL AIRCRAFT PROCUREMENT, NAVY</b> .....        | <b>15,056,235</b>      | <b>20,210,243</b>        |
|             | <b>WEAPONS PROCUREMENT, NAVY</b>                     |                        |                          |
|             | <b>MODIFICATION OF MISSILES</b>                      |                        |                          |
| 1           | TRIDENT II MODS .....                                | 1,143,595              | 1,143,595                |
|             | <b>SUPPORT EQUIPMENT &amp; FACILITIES</b>            |                        |                          |
| 2           | MISSILE INDUSTRIAL FACILITIES .....                  | 7,086                  | 7,086                    |
|             | <b>STRATEGIC MISSILES</b>                            |                        |                          |
| 3           | TOMAHAWK .....                                       | 134,375                | 134,375                  |
|             | <b>TACTICAL MISSILES</b>                             |                        |                          |
| 4           | AMRAAM .....   | 197,109                | 209,109                  |
|             | UFR: Munitions Wholeness .....                       |                        | [12,000]                 |
| 5           | SIDEWINDER .....                                     | 79,692                 | 79,692                   |
| 6           | JSOW .....   | 5,487                  | 5,487                    |
| 7           | STANDARD MISSILE .....                               | 510,875                | 510,875                  |
| 8           | SMALL DIAMETER BOMB II .....                         | 20,968                 | 20,968                   |
| 9           | RAM .....  | 58,587                 | 106,587                  |
|             | UFR: Additional RAM BLK II .....                     |                        | [48,000]                 |
| 10          | JOINT AIR GROUND MISSILE (JAGM) .....                | 3,789                  | 3,789                    |

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| 13          | STAND OFF PRECISION GUIDED MUNITIONS (SOPGM) .....    | 3,122                  | 12,522                   |
|             | UFR: AGM-176A Griffin Missile Qualifications .....    |                        | [9,400]                  |
| 14          | AERIAL TARGETS .....                                  | 124,757                | 124,757                  |
| 15          | OTHER MISSILE SUPPORT .....                           | 3,420                  | 3,420                    |
| 16          | LRASM .....   | 74,733                 | 74,733                   |
|             | <b>MODIFICATION OF MISSILES</b>                       |                        |                          |
| 17          | ESSM .....  | 74,524                 | 74,524                   |
| 19          | HARPOON MODS .....                                    | 17,300                 | 17,300                   |
| 20          | HARM MODS .....                                       | 183,368                | 183,368                  |
| 21          | STANDARD MISSILES MODS .....                          | 11,729                 | 11,729                   |
|             | <b>SUPPORT EQUIPMENT &amp; FACILITIES</b>             |                        |                          |
| 22          | WEAPONS INDUSTRIAL FACILITIES .....                   | 4,021                  | 4,021                    |
| 23          | FLEET SATELLITE COMM FOLLOW-ON .....                  | 46,357                 | 46,357                   |
|             | <b>ORDNANCE SUPPORT EQUIPMENT</b>                     |                        |                          |
| 25          | ORDNANCE SUPPORT EQUIPMENT .....                      | 47,159                 | 47,159                   |
|             | <b>TORPEDOES AND RELATED EQUIP</b>                    |                        |                          |
| 26          | SSTD .....  | 5,240                  | 5,240                    |
| 27          | MK-48 TORPEDO .....                                   | 44,771                 | 44,771                   |
| 28          | ASW TARGETS .....                                     | 12,399                 | 12,399                   |
|             | <b>MOD OF TORPEDOES AND RELATED EQUIP</b>             |                        |                          |
| 29          | MK-54 TORPEDO MODS .....                              | 104,044                | 104,044                  |
| 30          | MK-48 TORPEDO ADCAP MODS .....                        | 38,954                 | 38,954                   |
| 31          | QUICKSTRIKE MINE .....                                | 10,337                 | 10,337                   |
|             | <b>SUPPORT EQUIPMENT</b>                              |                        |                          |
| 32          | TORPEDO SUPPORT EQUIPMENT .....                       | 70,383                 | 70,383                   |
| 33          | ASW RANGE SUPPORT .....                               | 3,864                  | 3,864                    |
|             | <b>DESTINATION TRANSPORTATION</b>                     |                        |                          |
| 34          | FIRST DESTINATION TRANSPORTATION .....                | 3,961                  | 3,961                    |
|             | <b>GUNS AND GUN MOUNTS</b>                            |                        |                          |
| 35          | SMALL ARMS AND WEAPONS .....                          | 11,332                 | 11,332                   |
|             | <b>MODIFICATION OF GUNS AND GUN MOUNTS</b>            |                        |                          |
| 36          | CIWS MODS .....                                       | 72,698                 | 72,698                   |
| 37          | COAST GUARD WEAPONS .....                             | 38,931                 | 38,931                   |
| 38          | GUN MOUNT MODS .....                                  | 76,025                 | 76,025                   |
| 39          | LCS MODULE WEAPONS .....                              | 13,110                 | 13,110                   |
| 40          | CRUISER MODERNIZATION WEAPONS .....                   | 34,825                 | 34,825                   |
| 41          | AIRBORNE MINE NEUTRALIZATION SYSTEMS .....            | 16,925                 | 16,925                   |
|             | <b>SPARES AND REPAIR PARTS</b>                        |                        |                          |
| 43          | SPARES AND REPAIR PARTS .....                         | 110,255                | 110,255                  |
|             | <b>TOTAL WEAPONS PROCUREMENT, NAVY</b> .....          | <b>3,420,107</b>       | <b>3,489,507</b>         |
|             | <b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>             |                        |                          |
|             | <b>NAVY AMMUNITION</b>                                |                        |                          |
| 1           | GENERAL PURPOSE BOMBS .....                           | 34,882                 | 34,882                   |
| 2           | JDAM .....  | 57,343                 | 57,343                   |
| 3           | AIRBORNE ROCKETS, ALL TYPES .....                     | 79,318                 | 79,318                   |
| 4           | MACHINE GUN AMMUNITION .....                          | 14,112                 | 14,112                   |
| 5           | PRACTICE BOMBS .....                                  | 47,027                 | 47,027                   |
| 6           | CARTRIDGES & CART ACTUATED DEVICES .....              | 57,718                 | 57,718                   |
| 7           | AIR EXPENDABLE COUNTERMEASURES .....                  | 65,908                 | 65,908                   |
| 8           | JATOS .....   | 2,895                  | 2,895                    |
| 10          | 5 INCH/54 GUN AMMUNITION .....                        | 22,112                 | 22,112                   |
| 11          | INTERMEDIATE CALIBER GUN AMMUNITION .....             | 12,804                 | 12,804                   |
| 12          | OTHER SHIP GUN AMMUNITION .....                       | 41,594                 | 41,594                   |
| 13          | SMALL ARMS & LANDING PARTY AMMO .....                 | 49,401                 | 49,401                   |
| 14          | PYROTECHNIC AND DEMOLITION .....                      | 9,495                  | 9,495                    |
| 16          | AMMUNITION LESS THAN \$5 MILLION .....                | 3,080                  | 3,080                    |
|             | <b>MARINE CORPS AMMUNITION</b>                        |                        |                          |
| 20          | MORTARS .....   | 24,118                 | 49,618                   |
|             | UFR: Additional 60mm Full Range Practice Rounds ..... |                        | [11,000]                 |
|             | UFR: Additional 81mm Full Range Practice Rounds ..... |                        | [14,500]                 |
| 23          | DIRECT SUPPORT MUNITIONS .....                        | 64,045                 | 64,045                   |
| 24          | INFANTRY WEAPONS AMMUNITION .....                     | 91,456                 | 91,456                   |
| 29          | COMBAT SUPPORT MUNITIONS .....                        | 11,788                 | 11,788                   |
| 32          | AMMO MODERNIZATION .....                              | 17,862                 | 17,862                   |
| 33          | ARTILLERY MUNITIONS .....                             | 79,427                 | 96,427                   |
|             | UFR: Additional training rounds .....                 |                        | [17,000]                 |
| 34          | ITEMS LESS THAN \$5 MILLION .....                     | 5,960                  | 5,960                    |
|             | <b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC</b> ..... | <b>792,345</b>         | <b>834,845</b>           |
|             | <b>SHIPBUILDING AND CONVERSION, NAVY</b>              |                        |                          |
|             | <b>FLEET BALLISTIC MISSILE SHIPS</b>                  |                        |                          |
| 1           | OHIO REPLACEMENT SUBMARINE (AP) .....                 | 842,853                | 842,853                  |
|             | <b>OTHER WARSHIPS</b>                                 |                        |                          |
| 2           | CARRIER REPLACEMENT PROGRAM .....                     | 4,441,772              | 4,141,772                |
|             | Unjustified cost growth .....                         |                        | [-300,000]               |
| 4           | VIRGINIA CLASS SUBMARINE .....                        | 3,305,315              | 3,305,315                |
| 5           | VIRGINIA CLASS SUBMARINE (AP) .....                   | 1,920,596              | 3,093,596                |

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|             | 3rd FY20 SSN or SIB expansion .....                       |                        | [450,000]                |
|             | Additional EOQ funding Blk V MYP .....                    |                        | [750,000]                |
|             | NSBDF Savings .....                                       |                        | [-27,000]                |
| 6           | CVN REFUELING OVERHAULS .....                             | 1,604,890              | 1,604,890                |
| 7           | CVN REFUELING OVERHAULS (AP) .....                        | 75,897                 | 75,897                   |
| 8           | DDG 1000 .....  | 223,968                | 173,968                  |
|             | Unjustified cost growth .....                             |                        | [-50,000]                |
| 9           | DDG-51 .....  | 3,499,079              | 5,058,079                |
|             | Available prior year funds .....                          |                        | [-225,000]               |
|             | Procure 1 additional DDG-51 .....                         |                        | [1,750,000]              |
|             | UFR: SSEE Inc F for DDG .....                             |                        | [34,000]                 |
| 10          | DDG-51 (AP) .....   | 90,336                 | 390,336                  |
|             | EOQ for FY18-22 MYP contract .....                        |                        | [300,000]                |
| 11          | LITTORAL COMBAT SHIP .....                                | 636,146                | 596,146                  |
|             | Unit price adjustment .....                               |                        | [-40,000]                |
|             | <b>AMPHIBIOUS SHIPS</b>                                   |                        |                          |
| 12          | LX(R) OR LPD-30 .....                                     | 0                      | 1,000,000                |
|             | Incremental funding for LX(R) or LPD-30 .....             |                        | [1,000,000]              |
| 15          | LHA REPLACEMENT .....                                     | 1,710,927              | 1,710,927                |
|             | <b>AUXILIARIES, CRAFT AND PRIOR YR PROGRAM COST</b>       |                        |                          |
| 18          | TAO FLEET OILER .....                                     | 465,988                | 465,988                  |
| 19          | TAO FLEET OILER (AP) .....                                | 75,068                 | 75,068                   |
| 20          | TOWING, SALVAGE, AND RESCUE SHIP (ATS) .....              | 76,204                 | 76,204                   |
| 23          | LCU 1700 .....  | 31,850                 | 31,850                   |
| 24          | OUTFITTING .....  | 548,703                | 510,503                  |
|             | Post-delivery funds early to need .....                   |                        | [-38,200]                |
| 25          | SHIP TO SHORE CONNECTOR .....                             | 212,554                | 509,554                  |
|             | Quantity unit price adjustment .....                      |                        | [-15,000]                |
|             | UFR: 5 additional Ship-to-Shore Connector .....           |                        | [312,000]                |
| 26          | SERVICE CRAFT .....                                       | 23,994                 | 62,994                   |
|             | UFR: Berthing barge .....                                 |                        | [39,000]                 |
| 29          | COMPLETION OF PY SHIPBUILDING PROGRAMS .....              | 117,542                | 117,542                  |
| 30          | ESB .....   | 0                      | 661,000                  |
|             | Procure additional ESB .....                              |                        | [661,000]                |
| 32          | CABLE SHIP .....  | 0                      | 250,000                  |
|             | Procure cable ship .....                                  |                        | [250,000]                |
|             | <b>TOTAL SHIPBUILDING AND CONVERSION, NAVY</b> .....      | <b>19,903,682</b>      | <b>24,754,482</b>        |
|             | <b>OTHER PROCUREMENT, NAVY</b>                            |                        |                          |
|             | <b>SHIP PROPULSION EQUIPMENT</b>                          |                        |                          |
| 3           | SURFACE POWER EQUIPMENT .....                             | 41,910                 | 41,910                   |
| 4           | HYBRID ELECTRIC DRIVE (HED) .....                         | 6,331                  | 0                        |
|             | Unjustified cost growth .....                             |                        | [-6,331]                 |
|             | <b>GENERATORS</b>   |                        |                          |
| 5           | SURFACE COMBATANT HM&E .....                              | 27,392                 | 27,392                   |
|             | <b>NAVIGATION EQUIPMENT</b>                               |                        |                          |
| 6           | OTHER NAVIGATION EQUIPMENT .....                          | 65,943                 | 65,943                   |
|             | <b>OTHER SHIPBOARD EQUIPMENT</b>                          |                        |                          |
| 8           | SUB PERISCOPE, IMAGING AND SUPT EQUIP PROG .....          | 151,240                | 180,240                  |
|             | UFR: 3 Submarine Warfare Federated Tactical Systems ..... |                        | [29,000]                 |
| 9           | DDG MOD .....   | 603,355                | 603,355                  |
| 10          | FIREFIGHTING EQUIPMENT .....                              | 15,887                 | 15,887                   |
| 11          | COMMAND AND CONTROL SWITCHBOARD .....                     | 2,240                  | 2,240                    |
| 12          | LHA/LHD MIDLIFE .....                                     | 30,287                 | 30,287                   |
| 14          | POLLUTION CONTROL EQUIPMENT .....                         | 17,293                 | 17,293                   |
| 15          | SUBMARINE SUPPORT EQUIPMENT .....                         | 27,990                 | 27,990                   |
| 16          | VIRGINIA CLASS SUPPORT EQUIPMENT .....                    | 46,610                 | 46,610                   |
| 17          | LCS CLASS SUPPORT EQUIPMENT .....                         | 47,955                 | 5,355                    |
|             | Procurement ahead of need .....                           |                        | [-42,600]                |
| 18          | SUBMARINE BATTERIES .....                                 | 17,594                 | 17,594                   |
| 19          | LPD CLASS SUPPORT EQUIPMENT .....                         | 61,908                 | 61,908                   |
| 21          | STRATEGIC PLATFORM SUPPORT EQUIP .....                    | 15,812                 | 15,812                   |
| 22          | DSSP EQUIPMENT .....                                      | 4,178                  | 4,178                    |
| 23          | CG MODERNIZATION .....                                    | 306,050                | 306,050                  |
| 24          | LCAC .....  | 5,507                  | 5,507                    |
| 25          | UNDERWATER EOD PROGRAMS .....                             | 55,922                 | 55,922                   |
| 26          | ITEMS LESS THAN \$5 MILLION .....                         | 96,909                 | 96,909                   |
| 27          | CHEMICAL WARFARE DETECTORS .....                          | 3,036                  | 3,036                    |
| 28          | SUBMARINE LIFE SUPPORT SYSTEM .....                       | 10,364                 | 10,364                   |
|             | <b>REACTOR PLANT EQUIPMENT</b>                            |                        |                          |
| 29          | REACTOR POWER UNITS .....                                 | 324,925                | 324,925                  |
| 30          | REACTOR COMPONENTS .....                                  | 534,468                | 534,468                  |
|             | <b>OCEAN ENGINEERING</b>                                  |                        |                          |
| 31          | DIVING AND SALVAGE EQUIPMENT .....                        | 10,619                 | 10,619                   |
|             | <b>SMALL BOATS</b>  |                        |                          |
| 32          | STANDARD BOATS .....                                      | 46,094                 | 46,094                   |
|             | <b>PRODUCTION FACILITIES EQUIPMENT</b>                    |                        |                          |
| 34          | OPERATING FORCES IPE .....                                | 191,541                | 191,541                  |

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|             | <b>OTHER SHIP SUPPORT</b>                                 |                            |                              |
| 36          | LCS COMMON MISSION MODULES EQUIPMENT .....                | 34,666                     | 34,666                       |
| 37          | LCS MCM MISSION MODULES .....                             | 55,870                     | 84,770                       |
|             | <i>Procurement ahead of need</i> .....                    |                            | [-5,100]                     |
|             | UFR: Additional MCM USV .....                             |                            | [34,000]                     |
| 39          | LCS SUW MISSION MODULES .....                             | 52,960                     | 52,960                       |
| 40          | LCS IN-SERVICE MODERNIZATION .....                        | 74,426                     | 158,426                      |
|             | UFR: LCS modernization for increased lethality .....      |                            | [84,000]                     |
|             | <b>LOGISTIC SUPPORT</b>                                   |                            |                              |
| 42          | LSD MIDLIFE & MODERNIZATION .....                         | 89,536                     | 89,536                       |
|             | <b>SHIP SONARS</b>  |                            |                              |
| 43          | SPQ-9B RADAR .....  | 30,086                     | 30,086                       |
| 44          | AN/SQQ-89 SURF ASW COMBAT SYSTEM .....                    | 102,222                    | 102,222                      |
| 46          | SSN ACOUSTIC EQUIPMENT .....                              | 287,553                    | 314,553                      |
|             | UFR: 3 Submarine Warfare Federated Tactical Systems ..... |                            | [27,000]                     |
| 47          | UNDERSEA WARFARE SUPPORT EQUIPMENT .....                  | 13,653                     | 13,653                       |
|             | <b>ASW ELECTRONIC EQUIPMENT</b>                           |                            |                              |
| 49          | SUBMARINE ACOUSTIC WARFARE SYSTEM .....                   | 21,449                     | 21,449                       |
| 50          | SSTD .....  | 12,867                     | 12,867                       |
| 51          | FIXED SURVEILLANCE SYSTEM .....                           | 300,102                    | 300,102                      |
| 52          | SURTASS .....   | 30,180                     | 40,180                       |
|             | UFR: 1 Additional .....                                   |                            | [10,000]                     |
|             | <b>ELECTRONIC WARFARE EQUIPMENT</b>                       |                            |                              |
| 54          | AN/SLQ-32 .....   | 240,433                    | 240,433                      |
|             | <b>RECONNAISSANCE EQUIPMENT</b>                           |                            |                              |
| 55          | SHIPBOARD IW EXPLOIT .....                                | 187,007                    | 227,007                      |
|             | UFR: 3 SSEE Increment F and Paragon/Graywing .....        |                            | [40,000]                     |
| 56          | AUTOMATED IDENTIFICATION SYSTEM (AIS) .....               | 510                        | 510                          |
|             | <b>OTHER SHIP ELECTRONIC EQUIPMENT</b>                    |                            |                              |
| 58          | COOPERATIVE ENGAGEMENT CAPABILITY .....                   | 23,892                     | 27,892                       |
|             | UFR: CEC IFF Mode 5 Acceleration .....                    |                            | [4,000]                      |
| 60          | NAVAL TACTICAL COMMAND SUPPORT SYSTEM (NTCSS) .....       | 10,741                     | 10,741                       |
| 61          | ATDLS .....   | 38,016                     | 38,016                       |
| 62          | NAVY COMMAND AND CONTROL SYSTEM (NCCS) .....              | 4,512                      | 4,512                        |
| 63          | MINESWEEPING SYSTEM REPLACEMENT .....                     | 31,531                     | 31,531                       |
| 64          | SHALLOW WATER MCM .....                                   | 8,796                      | 8,796                        |
| 65          | NAVSTAR GPS RECEIVERS (SPACE) .....                       | 15,923                     | 15,923                       |
| 66          | AMERICAN FORCES RADIO AND TV SERVICE .....                | 2,730                      | 2,730                        |
| 67          | STRATEGIC PLATFORM SUPPORT EQUIP .....                    | 6,889                      | 6,889                        |
|             | <b>AVIATION ELECTRONIC EQUIPMENT</b>                      |                            |                              |
| 70          | ASHORE ATC EQUIPMENT .....                                | 71,882                     | 71,882                       |
| 71          | AFLOAT ATC EQUIPMENT .....                                | 44,611                     | 44,611                       |
| 77          | ID SYSTEMS .....  | 21,239                     | 21,239                       |
| 78          | NAVAL MISSION PLANNING SYSTEMS .....                      | 11,976                     | 12,976                       |
|             | UFR: Munitions Wholeness .....                            |                            | [1,000]                      |
|             | <b>OTHER SHORE ELECTRONIC EQUIPMENT</b>                   |                            |                              |
| 80          | TACTICAL/MOBILE CAI SYSTEMS .....                         | 32,425                     | 32,425                       |
| 81          | DCGS-N .....  | 13,790                     | 13,790                       |
| 82          | CANES .....   | 322,754                    | 322,754                      |
| 83          | RADLAC .....  | 10,718                     | 10,718                       |
| 84          | CANES-INTELL .....  | 48,028                     | 48,028                       |
| 85          | GPETE .....   | 6,861                      | 6,861                        |
| 86          | MASF .....  | 8,081                      | 8,081                        |
| 87          | INTEG COMBAT SYSTEM TEST FACILITY .....                   | 5,019                      | 5,019                        |
| 88          | EMI CONTROL INSTRUMENTATION .....                         | 4,188                      | 4,188                        |
| 89          | ITEMS LESS THAN \$5 MILLION .....                         | 105,292                    | 105,292                      |
|             | <b>SHIPBOARD COMMUNICATIONS</b>                           |                            |                              |
| 90          | SHIPBOARD TACTICAL COMMUNICATIONS .....                   | 23,695                     | 23,695                       |
| 91          | SHIP COMMUNICATIONS AUTOMATION .....                      | 103,990                    | 103,990                      |
| 92          | COMMUNICATIONS ITEMS UNDER \$5M .....                     | 18,577                     | 18,577                       |
|             | <b>SUBMARINE COMMUNICATIONS</b>                           |                            |                              |
| 93          | SUBMARINE BROADCAST SUPPORT .....                         | 29,669                     | 29,669                       |
| 94          | SUBMARINE COMMUNICATION EQUIPMENT .....                   | 86,204                     | 86,204                       |
|             | <b>SATELLITE COMMUNICATIONS</b>                           |                            |                              |
| 95          | SATELLITE COMMUNICATIONS SYSTEMS .....                    | 14,654                     | 14,654                       |
| 96          | NAVY MULTIBAND TERMINAL (NMT) .....                       | 69,764                     | 69,764                       |
|             | <b>SHORE COMMUNICATIONS</b>                               |                            |                              |
| 97          | JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....         | 4,256                      | 4,256                        |
|             | <b>CRYPTOGRAPHIC EQUIPMENT</b>                            |                            |                              |
| 99          | INFO SYSTEMS SECURITY PROGRAM (ISSP) .....                | 89,663                     | 101,663                      |
|             | UFR: Crypto modernization .....                           |                            | [12,000]                     |
| 100         | MIO INTEL EXPLOITATION TEAM .....                         | 961                        | 961                          |
|             | <b>CRYPTOLOGIC EQUIPMENT</b>                              |                            |                              |
| 101         | CRYPTOLOGIC COMMUNICATIONS EQUIP .....                    | 11,287                     | 11,287                       |
|             | <b>OTHER ELECTRONIC SUPPORT</b>                           |                            |                              |
| 110         | COAST GUARD EQUIPMENT .....                               | 36,584                     | 36,584                       |
|             | <b>SONOBUOYS</b>  |                            |                              |
| 112         | SONOBUOYS—ALL TYPES .....                                 | 173,616                    | 173,616                      |

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

| <b>Line</b>                                | <b>Item</b>  | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|--|--|------------------------|--------------------------|
| <b>AIRCRAFT SUPPORT EQUIPMENT</b>          |  |                        |                          |
| 113  | WEAPONS RANGE SUPPORT EQUIPMENT .....                            | 72,110                 | 72,110                   |
| 114  | AIRCRAFT SUPPORT EQUIPMENT .....                                 | 108,482                | 108,482                  |
| 115  | ADVANCED ARRESTING GEAR (AAG) .....                              | 10,900                 | 10,900                   |
| 116  | METEOROLOGICAL EQUIPMENT .....                                   | 21,137                 | 21,137                   |
| 117  | DCRS/DPL .....   | 660                    | 660                      |
| 118  | AIRBORNE MINE COUNTERMEASURES .....                              | 20,605                 | 20,605                   |
| 119  | AVIATION SUPPORT EQUIPMENT .....                                 | 34,032                 | 34,032                   |
| <b>SHIP GUN SYSTEM EQUIPMENT</b>           |  |                        |                          |
| 120  | SHIP GUN SYSTEMS EQUIPMENT .....                                 | 5,277                  | 5,277                    |
| <b>SHIP MISSILE SYSTEMS EQUIPMENT</b>      |  |                        |                          |
| 121  | SHIP MISSILE SUPPORT EQUIPMENT .....                             | 272,359                | 272,359                  |
| 122  | TOMAHAWK SUPPORT EQUIPMENT .....                                 | 73,184                 | 73,184                   |
| <b>FBM SUPPORT EQUIPMENT</b>               |  |                        |                          |
| 123  | STRATEGIC MISSILE SYSTEMS EQUIP .....                            | 246,221                | 246,221                  |
| <b>ASW SUPPORT EQUIPMENT</b>               |  |                        |                          |
| 124  | SSN COMBAT CONTROL SYSTEMS .....                                 | 129,972                | 149,972                  |
|  | UFR: 3 Submarine Warfare Federated Tactical Systems .....        |                        | [20,000]                 |
| 125  | ASW SUPPORT EQUIPMENT .....                                      | 23,209                 | 23,209                   |
| <b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>    |  |                        |                          |
| 126  | EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....                          | 15,596                 | 15,596                   |
| 127  | ITEMS LESS THAN \$5 MILLION .....                                | 5,981                  | 5,981                    |
| <b>OTHER EXPENDABLE ORDNANCE</b>           |  |                        |                          |
| 128  | SUBMARINE TRAINING DEVICE MODS .....                             | 74,550                 | 74,550                   |
| 130  | SURFACE TRAINING EQUIPMENT .....                                 | 83,022                 | 83,022                   |
| <b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b> |  |                        |                          |
| 131  | PASSENGER CARRYING VEHICLES .....                                | 5,299                  | 5,299                    |
| 132  | GENERAL PURPOSE TRUCKS .....                                     | 2,946                  | 2,946                    |
| 133  | CONSTRUCTION & MAINTENANCE EQUIP .....                           | 34,970                 | 34,970                   |
| 134  | FIRE FIGHTING EQUIPMENT .....                                    | 2,541                  | 2,541                    |
| 135  | TACTICAL VEHICLES .....  | 19,699                 | 19,699                   |
| 136  | AMPHIBIOUS EQUIPMENT .....                                       | 12,162                 | 12,162                   |
| 137  | POLLUTION CONTROL EQUIPMENT .....                                | 2,748                  | 2,748                    |
| 138  | ITEMS UNDER \$5 MILLION .....                                    | 18,084                 | 18,084                   |
| 139  | PHYSICAL SECURITY VEHICLES .....                                 | 1,170                  | 1,170                    |
| <b>SUPPLY SUPPORT EQUIPMENT</b>            |  |                        |                          |
| 141  | SUPPLY EQUIPMENT .....   | 21,797                 | 21,797                   |
| 143  | FIRST DESTINATION TRANSPORTATION .....                           | 5,572                  | 5,572                    |
| 144  | SPECIAL PURPOSE SUPPLY SYSTEMS .....                             | 482,916                | 482,916                  |
| <b>TRAINING DEVICES</b>                    |  |                        |                          |
| 146  | TRAINING AND EDUCATION EQUIPMENT .....                           | 25,624                 | 25,624                   |
| <b>COMMAND SUPPORT EQUIPMENT</b>           |  |                        |                          |
| 147  | COMMAND SUPPORT EQUIPMENT .....                                  | 59,076                 | 51,176                   |
|  | Consolidate requirements Navy Enterprise Resource Planning ..... |                        | [-4,200]                 |
|  | Consolidate requirements Navy ePS .....                          |                        | [-3,700]                 |
| 149  | MEDICAL SUPPORT EQUIPMENT .....                                  | 4,383                  | 4,383                    |
| 151  | NAVAL MIP SUPPORT EQUIPMENT .....                                | 2,030                  | 2,030                    |
| 152  | OPERATING FORCES SUPPORT EQUIPMENT .....                         | 7,500                  | 7,500                    |
| 153  | CAISR EQUIPMENT .....  | 4,010                  | 4,010                    |
| 154  | ENVIRONMENTAL SUPPORT EQUIPMENT .....                            | 23,644                 | 23,644                   |
| 155  | PHYSICAL SECURITY EQUIPMENT .....                                | 101,982                | 120,982                  |
|  | UFR: Port Security Barriers for Ship Repair Facilities .....     |                        | [19,000]                 |
| 156  | ENTERPRISE INFORMATION TECHNOLOGY .....                          | 19,789                 | 19,789                   |
| <b>OTHER</b>                               |  |                        |                          |
| 160  | NEXT GENERATION ENTERPRISE SERVICE .....                         | 104,584                | 104,584                  |
| <b>CLASSIFIED PROGRAMS</b>                 |  |                        |                          |
| 162  | CLASSIFIED PROGRAMS .....  | 23,707                 | 1,023,707                |
|  | Classified Project 0428 .....                                    |                        | [1,000,000]              |
| <b>SPARES AND REPAIR PARTS</b>             |  |                        |                          |
| 161  | SPARES AND REPAIR PARTS .....                                    | 278,565                | 278,565                  |
|  | <b>TOTAL OTHER PROCUREMENT, NAVY</b> .....                       | <b>8,277,789</b>       | <b>9,495,858</b>         |
| <b>PROCUREMENT, MARINE CORPS</b>           |  |                        |                          |
| <b>TRACKED COMBAT VEHICLES</b>             |  |                        |                          |
| 1  | AAV7A1 PIP .....   | 107,665                | 107,665                  |
| 2  | AMPHIBIOUS COMBAT VEHICLE 1.1 .....                              | 161,511                | 161,511                  |
| 3  | LAV PIP .....  | 17,244                 | 17,244                   |
| <b>ARTILLERY AND OTHER WEAPONS</b>         |  |                        |                          |
| 4  | EXPEDITIONARY FIRE SUPPORT SYSTEM .....                          | 626                    | 626                      |
| 5  | 155MM LIGHTWEIGHT TOWED HOWITZER .....                           | 20,259                 | 20,259                   |
| 6  | HIGH MOBILITY ARTILLERY ROCKET SYSTEM .....                      | 59,943                 | 59,943                   |
| 7  | WEAPONS AND COMBAT VEHICLES UNDER \$5 MILLION .....              | 19,616                 | 19,616                   |
| <b>OTHER SUPPORT</b>                       |  |                        |                          |
| 8  | MODIFICATION KITS .....  | 17,778                 | 17,778                   |
| <b>GUIDED MISSILES</b>                     |  |                        |                          |
| 10   | GROUND BASED AIR DEFENSE .....                                   | 9,432                  | 9,432                    |
| 11   | JAVELIN .....  | 41,159                 | 41,159                   |
| 12   | FOLLOW ON TO SMAW .....  | 25,125                 | 25,125                   |

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| <b>Line</b> | <b>Item</b>   | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|-------------|---|------------------------|--------------------------|
| 13          | ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-H) .....  | 51,553                 | 51,553                   |
|             | <b>COMMAND AND CONTROL SYSTEMS</b>  |                        |                          |
| 16          | COMMON AVIATION COMMAND AND CONTROL SYSTEM (C .....<br><b>REPAIR AND TEST EQUIPMENT</b> | 44,928                 | 44,928                   |
| 17          | REPAIR AND TEST EQUIPMENT .....   | 33,056                 | 33,056                   |
|             | <b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>   |                        |                          |
| 20          | ITEMS UNDER \$5 MILLION (COMM & ELEC) .....   | 17,644                 | 37,844                   |
|             | UFR: Night Optics for Sniper Rifle .....  |                        | [20,200]                 |
| 21          | AIR OPERATIONS C3 SYSTEMS .....   | 18,393                 | 18,393                   |
|             | <b>RADAR + EQUIPMENT (NON-TEL)</b>  |                        |                          |
| 22          | RADAR SYSTEMS .....   | 12,411                 | 12,411                   |
| 23          | GROUND/AIR TASK ORIENTED RADAR (GIATOR) .....   | 139,167                | 139,167                  |
| 24          | RQ-21 UAS .....   | 77,841                 | 77,841                   |
|             | <b>INTELL/COMM EQUIPMENT (NON-TEL)</b>  |                        |                          |
| 25          | GCS-MC .....  | 1,990                  | 1,990                    |
| 26          | FIRE SUPPORT SYSTEM .....   | 22,260                 | 22,260                   |
| 27          | INTELLIGENCE SUPPORT EQUIPMENT .....  | 55,759                 | 65,879                   |
|             | UFR: CI and HUMINT Equipment Program .....  |                        | [10,120]                 |
| 29          | UNMANNED AIR SYSTEMS (INTEL) .....  | 10,154                 | 23,654                   |
|             | UFR: Long Endurance Small UAS .....   |                        | [13,500]                 |
| 30          | DCGS-MC .....   | 13,462                 | 13,462                   |
| 31          | UAS PAYLOADS .....  | 14,193                 | 14,193                   |
|             | <b>OTHER SUPPORT (NON-TEL)</b>  |                        |                          |
| 35          | NEXT GENERATION ENTERPRISE NETWORK (NGEN) .....   | 98,511                 | 98,511                   |
| 36          | COMMON COMPUTER RESOURCES .....   | 66,894                 | 73,998                   |
|             | UFR: Full Spectrum Cyber Operations DMSS .....  |                        | [7,104]                  |
| 37          | COMMAND POST SYSTEMS .....  | 186,912                | 186,912                  |
| 38          | RADIO SYSTEMS .....   | 34,361                 | 34,361                   |
| 39          | COMM SWITCHING & CONTROL SYSTEMS .....  | 54,615                 | 54,615                   |
| 40          | COMM & ELEC INFRASTRUCTURE SUPPORT .....  | 44,455                 | 44,455                   |
|             | <b>CLASSIFIED PROGRAMS</b>  |                        |                          |
| 41          | CLASSIFIED PROGRAMS .....   | 4,214                  | 4,214                    |
|             | <b>ADMINISTRATIVE VEHICLES</b>  |                        |                          |
| 42          | COMMERCIAL CARGO VEHICLES .....   | 66,951                 | 66,951                   |
|             | <b>TACTICAL VEHICLES</b>  |                        |                          |
| 43          | MOTOR TRANSPORT MODIFICATIONS .....   | 21,824                 | 21,824                   |
| 44          | JOINT LIGHT TACTICAL VEHICLE .....  | 233,639                | 233,639                  |
| 45          | FAMILY OF TACTICAL TRAILERS .....   | 1,938                  | 1,938                    |
| 46          | TRAILERS .....  | 10,282                 | 10,282                   |
|             | <b>ENGINEER AND OTHER EQUIPMENT</b>   |                        |                          |
| 48          | ENVIRONMENTAL CONTROL EQUIP ASSORT .....  | 1,405                  | 1,405                    |
| 50          | TACTICAL FUEL SYSTEMS .....   | 1,788                  | 1,788                    |
| 51          | POWER EQUIPMENT ASSORTED .....  | 9,910                  | 9,910                    |
| 52          | AMPHIBIOUS SUPPORT EQUIPMENT .....  | 5,830                  | 5,830                    |
| 53          | EOD SYSTEMS .....   | 27,240                 | 27,240                   |
|             | <b>MATERIALS HANDLING EQUIPMENT</b>   |                        |                          |
| 54          | PHYSICAL SECURITY EQUIPMENT .....   | 53,477                 | 53,477                   |
|             | <b>GENERAL PROPERTY</b>   |                        |                          |
| 56          | TRAINING DEVICES .....  | 76,185                 | 85,064                   |
|             | UFR: ITES-II Force on Force Training System .....                                       |                        | [8,879]                  |
| 58          | FAMILY OF CONSTRUCTION EQUIPMENT .....  | 26,286                 | 26,286                   |
| 59          | FAMILY OF INTERNALLY TRANSPORTABLE VEH (ITV) .....                                      | 1,583                  | 1,583                    |
|             | <b>OTHER SUPPORT</b>  |                        |                          |
| 60          | ITEMS LESS THAN \$5 MILLION .....   | 7,716                  | 7,716                    |
|             | <b>SPARES AND REPAIR PARTS</b>  |                        |                          |
| 62          | SPARES AND REPAIR PARTS .....   | 35,640                 | 35,640                   |
|             | <b>TOTAL PROCUREMENT, MARINE CORPS</b> .....  | <b>2,064,825</b>       | <b>2,124,628</b>         |
|             | <b>AIRCRAFT PROCUREMENT, AIR FORCE</b>  |                        |                          |
|             | <b>TACTICAL FORCES</b>  |                        |                          |
| 1           | F-35 .....  | 4,544,684              | 6,304,684                |
|             | UFR: Procure additional F-35As .....  |                        | [1,760,000]              |
| 2           | F-35 (AP) .....   | 780,300                | 780,300                  |
| 2a          | O/A-X LIGHT ATTACK FIGHTER .....  | 0                      | 1,200,000                |
|             | O/A-X Light Attack Fighter .....  |                        | [1,200,000]              |
|             | <b>TACTICAL AIRLIFT</b>   |                        |                          |
| 3           | KC-46A TANKER .....   | 2,545,674              | 2,945,674                |
|             | UFR: Procure KC-46 .....  |                        | [400,000]                |
|             | <b>OTHER AIRLIFT</b>  |                        |                          |
| 4           | C-130J .....  | 57,708                 | 219,808                  |
|             | Technical adjustments .....   |                        | [102,000]                |
|             | UFR: C-130J simulators .....  |                        | [60,000]                 |
| 6           | HC-130J .....   | 198,502                | 298,502                  |
|             | UFR: Procures HC-130s .....   |                        | [100,000]                |
| 8           | MC-130J .....   | 379,373                | 1,609,373                |
|             | UFR: Procure MC-130J WST .....  |                        | [30,000]                 |
|             | UFR: Procures MC-130s .....   |                        | [1,200,000]              |
| 9           | MC-130J (AP) .....  | 30,000                 | 30,000                   |

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| <b>Line</b>                             | <b>Item</b>   | <b>FY 2018<br/>Request</b> | <b>Senate<br/>Authorized</b> |
|---|---|----------------------------|------------------------------|
| <b>MISSION SUPPORT AIRCRAFT</b>         |   |                            |                              |
| 12                                      | CIVIL AIR PATROL A/C .....                                  | 2,695                      | 2,695                        |
| <b>OTHER AIRCRAFT</b>                   |   |                            |                              |
| 14                                      | TARGET DRONES .....   | 109,841                    | 109,841                      |
| 17                                      | MQ-9 .....  | 117,141                    | 117,141                      |
| 17a                                     | COMPASS CALL .....  | 0                          | 108,173                      |
|   | Technical adjustment .....                                  |                            | [108,173]                    |
| <b>STRATEGIC AIRCRAFT</b>               |   |                            |                              |
| 18                                      | B-2A .....  | 96,727                     | 96,727                       |
| 19                                      | B-1B .....  | 155,634                    | 121,634                      |
|   | Excess funding .....  |                            | [-34,000]                    |
| 20                                      | B-52 .....  | 109,295                    | 109,295                      |
| 21                                      | LARGE AIRCRAFT INFRARED COUNTERMEASURES .....               | 4,046                      | 4,046                        |
| <b>TACTICAL AIRCRAFT</b>                |   |                            |                              |
| 22                                      | A-10 .....  | 6,010                      | 109,010                      |
|   | UFR: A-10 Wings .....                                       |                            | [103,000]                    |
| 23                                      | F-15 .....  | 417,193                    | 417,193                      |
| 24                                      | F-16 .....  | 203,864                    | 203,864                      |
| 25                                      | F-22A .....   | 161,630                    | 161,630                      |
| 26                                      | F-22A (AP) .....  | 15,000                     | 15,000                       |
| 27                                      | F-35 MODIFICATIONS .....                                    | 68,270                     | 68,270                       |
| 28                                      | INCREMENT 3.2B .....  | 105,756                    | 105,756                      |
| 30                                      | KC-46A TANKER .....   | 6,213                      | 6,213                        |
| <b>AIRLIFT AIRCRAFT</b>                 |   |                            |                              |
| 31                                      | C-5 .....   | 36,592                     | 36,592                       |
| 32                                      | C-5M .....  | 6,817                      | 6,817                        |
| 33                                      | C-17A .....   | 125,522                    | 125,522                      |
| 34                                      | C-21 .....  | 13,253                     | 13,253                       |
| 35                                      | C-32A .....   | 79,449                     | 79,449                       |
| 36                                      | C-37A .....   | 15,423                     | 206,723                      |
|   | UFR: Procure C-37B .....                                    |                            | [191,300]                    |
| 37                                      | C-130J .....  | 10,727                     | 0                            |
|   | Technical adjustments .....                                 |                            | [-10,727]                    |
| <b>TRAINER AIRCRAFT</b>                 |   |                            |                              |
| 38                                      | GLIDER MODS .....   | 136                        | 136                          |
| 39                                      | T-6 .....   | 35,706                     | 35,706                       |
| 40                                      | T-1 .....   | 21,477                     | 21,477                       |
| 41                                      | T-38 .....  | 51,641                     | 51,641                       |
| <b>OTHER AIRCRAFT</b>                   |   |                            |                              |
| 42                                      | U-2 MODS .....  | 36,406                     | 36,406                       |
| 43                                      | KC-10A (ATCA) .....   | 4,243                      | 4,243                        |
| 44                                      | C-12 .....  | 5,846                      | 5,846                        |
| 45                                      | VC-25A MOD .....  | 52,107                     | 52,107                       |
| 46                                      | C-40 .....  | 31,119                     | 31,119                       |
| 47                                      | C-130 .....   | 66,310                     | 96,110                       |
|   | Propulsion improvement .....                                |                            | [26,800]                     |
|   | UFR: Procures AC-130J AGM-114 Cape .....                    |                            | [3,000]                      |
| 48                                      | C-130J MODS .....   | 171,230                    | 181,957                      |
|   | Technical adjustments .....                                 |                            | [10,727]                     |
| 49                                      | C-135 .....   | 69,428                     | 69,428                       |
| 50                                      | OC-135B .....   | 23,091                     | 23,091                       |
| 51                                      | COMPASS CALL MODS .....                                     | 166,541                    | 102,968                      |
|   | Technical adjustment .....                                  |                            | [-108,173]                   |
|   | UFR: Avionics Viability Program (AVP) upgrades .....        |                            | [10,000]                     |
|   | UFR: Expected disconnect in air vehicle .....               |                            | [10,000]                     |
|   | UFR: Mission and support equipment .....                    |                            | [24,600]                     |
| 52                                      | COMBAT FLIGHT INSPECTION (CFIN) .....                       | 495                        | 495                          |
| 53                                      | RC-135 .....  | 201,559                    | 201,559                      |
| 54                                      | E-3 .....   | 189,772                    | 189,772                      |
| 55                                      | E-4 .....   | 30,493                     | 30,493                       |
| 56                                      | E-8 .....   | 13,232                     | 13,232                       |
| 57                                      | AIRBORNE WARNING AND CONTROL SYSTEM .....                   | 164,786                    | 164,786                      |
| 58                                      | FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....              | 24,716                     | 31,353                       |
|   | UFR: Family of Advance Beyond Line of Sight-Terminals ..... |                            | [6,637]                      |
| 59                                      | H-1 .....   | 3,730                      | 12,230                       |
|   | UFR: UH-1N Safety Enhancements .....                        |                            | [8,500]                      |
| 60                                      | H-60 .....  | 75,989                     | 75,989                       |
| 61                                      | RQ-4 MODS .....   | 43,968                     | 83,568                       |
|   | UFR: Replace RQ-4 TFT Antennas .....                        |                            | [39,600]                     |
| 62                                      | HC/MC-130 MODIFICATIONS .....                               | 67,674                     | 67,674                       |
| 63                                      | OTHER AIRCRAFT .....  | 59,068                     | 59,068                       |
| 65                                      | MQ-9 MODS .....   | 264,740                    | 264,740                      |
| 66                                      | CV-22 MODS .....  | 60,990                     | 60,990                       |
| <b>AIRCRAFT SPARES AND REPAIR PARTS</b> |   |                            |                              |
| 67                                      | INITIAL SPARES/REPAIR PARTS .....                           | 1,041,569                  | 1,041,569                    |
| <b>COMMON SUPPORT EQUIPMENT</b>         |   |                            |                              |
| 68                                      | AIRCRAFT REPLACEMENT SUPPORT EQUIP .....                    | 75,846                     | 75,846                       |
| 69                                      | OTHER PRODUCTION CHARGES .....                              | 8,524                      | 8,524                        |

**SEC. 4101. PROCUREMENT**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Item</b>  | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|-------------|--|------------------------|--------------------------|
| 71          | T-53A TRAINER .....  | 501                    | 501                      |
|             | <b>POST PRODUCTION SUPPORT</b>   |                        |                          |
| 72          | B-2A .....   | 447                    | 447                      |
| 73          | B-2A .....   | 38,509                 | 38,509                   |
| 74          | B-52 .....   | 199                    | 199                      |
| 75          | C-17A .....  | 12,028                 | 12,028                   |
| 78          | RC-135 .....   | 29,700                 | 29,700                   |
| 79          | F-15 .....   | 20,000                 | 20,000                   |
| 80          | F-15 .....   | 2,524                  | 2,524                    |
| 81          | F-16 .....   | 18,051                 | 18,051                   |
| 82          | F-22A .....  | 119,566                | 119,566                  |
| 83          | OTHER AIRCRAFT .....   | 85,000                 | 85,000                   |
| 85          | RQ-4 POST PRODUCTION CHARGES .....   | 86,695                 | 86,695                   |
| 86          | CV-22 MODS .....   | 4,500                  | 4,500                    |
|             | <b>INDUSTRIAL PREPAREDNESS</b>   |                        |                          |
| 87          | INDUSTRIAL RESPONSIVENESS .....  | 14,739                 | 14,739                   |
| 88          | C-130J .....   | 102,000                | -100                     |
|             | Technical adjustments .....  |                        | [-102,000]               |
|             | <b>WAR CONSUMABLES</b>   |                        |                          |
| 89          | WAR CONSUMABLES .....  | 37,647                 | 37,647                   |
|             | <b>OTHER PRODUCTION CHARGES</b>  |                        |                          |
| 90          | OTHER PRODUCTION CHARGES .....   | 1,339,160              | 1,339,160                |
| 92          | OTHER AIRCRAFT .....   | 600                    | 600                      |
|             | <b>CLASSIFIED PROGRAMS</b>   |                        |                          |
| 93          | CLASSIFIED PROGRAMS .....  | 53,212                 | 53,212                   |
|             | <b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> .....   | <b>15,430,849</b>      | <b>20,570,286</b>        |
|             | <b>MISSILE PROCUREMENT, AIR FORCE</b>  |                        |                          |
|             | <b>MISSILE REPLACEMENT EQUIPMENT—BALLISTIC</b>   |                        |                          |
| 1           | MISSILE REPLACEMENT EQ-BALLISTIC .....   | 99,098                 | 119,098                  |
|             | UFR: (NUC) TE Replacement Disconnect .....   |                        | [20,000]                 |
|             | <b>TACTICAL</b>  |                        |                          |
| 2           | JOINT AIR-SURFACE STANDOFF MISSILE .....   | 441,367                | 441,367                  |
| 3           | LRASMo .....   | 44,728                 | 61,728                   |
|             | UFR: Long Range Anti-Ship Missile (LRASM) .....  |                        | [17,000]                 |
| 4           | SIDEWINDER (AIM-9X) .....  | 125,350                | 125,350                  |
| 5           | AMRAAM .....   | 304,327                | 304,327                  |
| 6           | PREDATOR HELLFIRE MISSILE .....  | 34,867                 | 34,867                   |
| 7           | SMALL DIAMETER BOMB .....  | 266,030                | 266,030                  |
|             | <b>INDUSTRIAL FACILITIES</b>   |                        |                          |
| 8           | INDUSTRIAL PREPAREDNESS/POL PREVENTION .....   | 926                    | 926                      |
|             | <b>CLASS IV</b>  |                        |                          |
| 9           | ICBM FUZE MOD .....  | 6,334                  | 6,334                    |
| 10          | MM III MODIFICATIONS .....   | 80,109                 | 91,109                   |
|             | UFR: (NUC) Upgrade Minimum Essential Emergency Communications Network (MEECN) (MMPU) ..... |                        | [11,000]                 |
| 11          | AGM-65D MAVERICK .....   | 289                    | 289                      |
| 13          | AIR LAUNCH CRUISE MISSILE (ALCM) .....   | 36,425                 | 36,425                   |
| 14          | SMALL DIAMETER BOMB .....  | 14,086                 | 14,086                   |
|             | <b>MISSILE SPARES AND REPAIR PARTS</b>   |                        |                          |
| 15          | INITIAL SPARES/REPAIR PARTS .....  | 101,153                | 101,153                  |
|             | <b>SPECIAL PROGRAMS</b>  |                        |                          |
| 20          | SPECIAL UPDATE PROGRAMS .....  | 32,917                 | 32,917                   |
|             | <b>CLASSIFIED PROGRAMS</b>   |                        |                          |
| 21          | CLASSIFIED PROGRAMS .....  | 708,176                | 708,176                  |
|             | <b>TOTAL MISSILE PROCUREMENT, AIR FORCE</b> .....  | <b>2,296,182</b>       | <b>2,344,182</b>         |
|             | <b>SPACE PROCUREMENT, AIR FORCE</b>  |                        |                          |
|             | <b>SPACE PROGRAMS</b>  |                        |                          |
| 1           | ADVANCED EHF .....   | 56,974                 | 56,974                   |
| 2           | AF SATELLITE COMM SYSTEM .....   | 57,516                 | 57,516                   |
| 3           | COUNTERSPACE SYSTEMS .....   | 28,798                 | 28,798                   |
| 4           | FAMILY OF BEYOND LINE-OF-SIGHT TERMINALS .....   | 146,972                | 159,500                  |
|             | UFR: Family of Advance Beyond Line of Sight-Terminals .....                                |                        | [12,528]                 |
| 5           | WIDEBAND GAPPILLER SATELLITES (SPACE) .....  | 80,849                 | 80,849                   |
| 6           | GPS III SPACE SEGMENT .....  | 85,894                 | 85,894                   |
| 7           | GLOBAL POSITIONING (SPACE) .....   | 2,198                  | 2,198                    |
| 8           | SPACEBORNE EQUIP (COMSEC) .....  | 25,048                 | 25,048                   |
| 10          | MILSATCOM .....  | 33,033                 | 33,033                   |
| 11          | EVOLVED EXPENDABLE LAUNCH CAPABILITY .....   | 957,420                | 957,420                  |
| 12          | EVOLVED EXPENDABLE LAUNCH VEH (SPACE) .....  | 606,488                | 606,488                  |
| 13          | SBIR HIGH (SPACE) .....  | 981,009                | 1,054,809                |
|             | UFR: SBIRS equipment .....   |                        | [73,800]                 |
| 14          | SBIR HIGH (SPACE) (AP) .....   | 132,420                | 132,420                  |
| 15          | NUDET DETECTION SYSTEM .....   | 6,370                  | 6,370                    |
| 16          | SPACE MODS .....   | 37,203                 | 58,203                   |
|             | UFR: Fir Enterprise Space Battle Management Command & Control (BMC2) .....                 |                        | [21,000]                 |
| 17          | SPACELIFT RANGE SYSTEM SPACE .....   | 113,874                | 113,874                  |

**SEC. 4101. PROCUREMENT**  
**(In Thousands of Dollars)**

| <b>Line</b>                                 | <b>Item</b>   | <b>FY 2018<br/>Request</b> | <b>Senate<br/>Authorized</b> |
|---|---|----------------------------|------------------------------|
| <b>SPARES</b>                               |   |                            |                              |
| 18  | INITIAL SPARES/REPAIR PARTS .....   | 18,709                     | 18,709                       |
|   | <b>TOTAL SPACE PROCUREMENT, AIR FORCE</b> .....                               | <b>3,370,775</b>           | <b>3,478,103</b>             |
| <b>PROCUREMENT OF AMMUNITION, AIR FORCE</b> |   |                            |                              |
| <b>ROCKETS</b>                              |   |                            |                              |
| 1   | ROCKETS .....   | 147,454                    | 147,454                      |
| <b>CARTRIDGES</b>                           |   |                            |                              |
| 2   | CARTRIDGES .....  | 161,744                    | 161,744                      |
| <b>BOMBS</b>                                |   |                            |                              |
| 3   | PRACTICE BOMBS .....  | 28,509                     | 28,509                       |
| 4   | GENERAL PURPOSE BOMBS .....   | 329,501                    | 329,501                      |
| 5   | MASSIVE ORDNANCE PENETRATOR (MOP) .....                                       | 38,382                     | 38,382                       |
| 6   | JOINT DIRECT ATTACK MUNITION .....  | 319,525                    | 319,525                      |
| 7   | B61 .....   | 77,068                     | 77,068                       |
| 8   | B61 (AP) .....  | 11,239                     | 11,239                       |
| <b>OTHER ITEMS</b>                          |   |                            |                              |
| 9   | CAD/PAD .....   | 53,469                     | 53,469                       |
| 10  | EXPLOSIVE ORDNANCE DISPOSAL (EOD) .....                                       | 5,921                      | 5,921                        |
| 11  | SPARES AND REPAIR PARTS .....   | 678                        | 678                          |
| 12  | MODIFICATIONS .....   | 1,409                      | 1,409                        |
| 13  | ITEMS LESS THAN \$5 MILLION .....   | 5,047                      | 5,047                        |
| <b>FLARES</b>                               |   |                            |                              |
| 15  | FLARES .....  | 143,983                    | 143,983                      |
| <b>FUZES</b>                                |   |                            |                              |
| 16  | FUZES .....   | 24,062                     | 24,062                       |
| <b>SMALL ARMS</b>                           |   |                            |                              |
| 17  | SMALL ARMS .....  | 28,611                     | 28,611                       |
|   | <b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE</b> .....                       | <b>1,376,602</b>           | <b>1,376,602</b>             |
| <b>OTHER PROCUREMENT, AIR FORCE</b>         |   |                            |                              |
| <b>PASSENGER CARRYING VEHICLES</b>          |   |                            |                              |
| 1   | PASSENGER CARRYING VEHICLES .....   | 15,651                     | 16,751                       |
|   | UFR: Set the Theater initiative, PACOM .....                                  |                            | [1,100]                      |
| <b>CARGO AND UTILITY VEHICLES</b>           |   |                            |                              |
| 2   | MEDIUM TACTICAL VEHICLE .....   | 54,607                     | 54,607                       |
| 3   | CAP VEHICLES .....  | 1,011                      | 1,011                        |
| 4   | CARGO AND UTILITY VEHICLES .....  | 28,670                     | 28,670                       |
| <b>SPECIAL PURPOSE VEHICLES</b>             |   |                            |                              |
| 5   | SECURITY AND TACTICAL VEHICLES .....  | 59,398                     | 70,008                       |
|   | UFR: Set the Theater initiative, PACOM .....                                  |                            | [10,610]                     |
| 6   | SPECIAL PURPOSE VEHICLES .....  | 19,784                     | 19,784                       |
| <b>FIRE FIGHTING EQUIPMENT</b>              |   |                            |                              |
| 7   | FIRE FIGHTING/CRASH RESCUE VEHICLES .....                                     | 14,768                     | 14,768                       |
| <b>MATERIALS HANDLING EQUIPMENT</b>         |   |                            |                              |
| 8   | MATERIALS HANDLING VEHICLES .....   | 13,561                     | 17,761                       |
|   | UFR: Set the Theater (S/T) PACOM .....  |                            | [4,200]                      |
| <b>BASE MAINTENANCE SUPPORT</b>             |   |                            |                              |
| 9   | RUNWAY SNOW REMOV & CLEANING EQUIP .....                                      | 3,429                      | 16,659                       |
|   | UFR: Set the Theater (S/T) PACOM .....  |                            | [13,230]                     |
| 10  | BASE MAINTENANCE SUPPORT VEHICLES .....                                       | 60,075                     | 60,524                       |
|   | UFR: Set the Theater (S/T) PACOM .....  |                            | [449]                        |
| <b>COMM SECURITY EQUIPMENT (COMSEC)</b>     |   |                            |                              |
| 11  | COMSEC EQUIPMENT .....  | 115,000                    | 123,000                      |
|   | UFR: Cyber Squadron Initiative .....  |                            | [8,000]                      |
| <b>INTELLIGENCE PROGRAMS</b>                |   |                            |                              |
| 13  | INTERNATIONAL INTEL TECH & ARCHITECTURES .....                                | 22,335                     | 22,335                       |
| 14  | INTELLIGENCE TRAINING EQUIPMENT .....   | 5,892                      | 5,892                        |
| 15  | INTELLIGENCE COMM EQUIPMENT .....   | 34,072                     | 34,072                       |
| <b>ELECTRONICS PROGRAMS</b>                 |   |                            |                              |
| 16  | AIR TRAFFIC CONTROL & LANDING SYS .....                                       | 66,143                     | 123,343                      |
|   | UFR: Cyber Squadron Initiative (WSCR) .....                                   |                            | [8,000]                      |
|   | UFR: Deployable Radar Approach Control .....                                  |                            | [33,000]                     |
|   | UFR: D-ILS Procurement .....  |                            | [16,200]                     |
| 17  | NATIONAL AIRSPACE SYSTEM .....  | 12,641                     | 12,641                       |
| 18  | BATTLE CONTROL SYSTEM—FIXED .....   | 6,415                      | 7,815                        |
|   | UFR: Battle Control System (BCS) Tech Refresh .....                           |                            | [1,400]                      |
| 19  | THEATER AIR CONTROL SYS IMPROVEMENTS .....                                    | 23,233                     | 23,233                       |
| 20  | WEATHER OBSERVATION FORECAST .....  | 40,116                     | 70,116                       |
|   | UFR: Installation and Notification Warning System (INWS) (ANG) .....          |                            | [30,000]                     |
| 21  | STRATEGIC COMMAND AND CONTROL .....   | 72,810                     | 72,810                       |
| 22  | CHEYENNE MOUNTAIN COMPLEX .....   | 9,864                      | 9,864                        |
| 23  | MISSION PLANNING SYSTEMS .....  | 15,486                     | 15,486                       |
| 25  | INTEGRATED STRAT PLAN & ANALY NETWORK (ISPAN) .....                           | 9,187                      | 9,187                        |
| <b>SPCL COMM-ELECTRONICS PROJECTS</b>       |   |                            |                              |
| 26  | GENERAL INFORMATION TECHNOLOGY .....  | 51,826                     | 58,126                       |
|   | UFR: AFSPC Cyber Request for CMF Initial Skills Training (IST) Pipeline ..... |                            | [6,300]                      |
| 27  | AF GLOBAL COMMAND & CONTROL SYS .....   | 3,634                      | 3,634                        |

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| 28          | MOBILITY COMMAND AND CONTROL .....  | 10,083                 | 10,083                   |
| 29          | AIR FORCE PHYSICAL SECURITY SYSTEM .....  | 201,866                | 201,866                  |
| 30          | COMBAT TRAINING RANGES .....  | 115,198                | 115,198                  |
| 31          | MINIMUM ESSENTIAL EMERGENCY COMM N .....  | 292                    | 292                      |
| 32          | WIDE AREA SURVEILLANCE (WAS) .....  | 62,087                 | 62,087                   |
| 33          | C3 COUNTERMEASURES .....  | 37,764                 | 37,764                   |
| 34          | GCSS-AF FOS .....   | 2,826                  | 2,826                    |
| 35          | DEFENSE ENTERPRISE ACCOUNTING AND MGMT SYSTEM .....   | 1,514                  | 1,514                    |
| 36          | THEATER BATTLE MGT C3 SYSTEM .....  | 9,646                  | 9,646                    |
| 37          | AIR & SPACE OPERATIONS CTR-WPN SYS .....  | 25,533                 | 25,533                   |
|             | <b>AIR FORCE COMMUNICATIONS</b>   |                        |                          |
| 40          | BASE INFORMATION TRANSP T INFRAS T (BITI) WIRED .....   | 28,159                 | 28,159                   |
| 41          | AFNET .....   | 160,820                | 356,420                  |
|             | UFR: ARAD Enterprise Software .....   |                        | [26,000]                 |
|             | UFR: Inst Processing Nodes in FY18 .....  |                        | [169,600]                |
| 42          | JOINT COMMUNICATIONS SUPPORT ELEMENT (JCSE) .....   | 5,135                  | 5,135                    |
| 43          | USCENTCOM .....   | 18,719                 | 18,719                   |
|             | <b>ORGANIZATION AND BASE</b>  |                        |                          |
| 44          | TACTICAL C-E EQUIPMENT .....  | 123,206                | 123,206                  |
| 45          | COMBAT SURVIVOR EVADER LOCATER .....  | 3,004                  | 3,004                    |
| 46          | RADIO EQUIPMENT .....   | 15,736                 | 15,736                   |
| 47          | CCTV/AUDIOVISUAL EQUIPMENT .....  | 5,480                  | 5,480                    |
| 48          | BASE COMM INFRASTRUCTURE .....  | 130,539                | 130,539                  |
|             | <b>MODIFICATIONS</b>  |                        |                          |
| 49          | COMM ELECT MODS .....   | 70,798                 | 70,798                   |
|             | <b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>   |                        |                          |
| 51          | ITEMS LESS THAN \$5 MILLION .....   | 52,964                 | 137,664                  |
|             | UFR: Battlefield Airman Combat Equipment .....  |                        | [83,700]                 |
|             | UFR: Procure Parachute Phantom Oxygen System .....  |                        | [1,000]                  |
|             | <b>DEPOT PLANT+MTRLS HANDLING EQ</b>  |                        |                          |
| 52          | MECHANIZED MATERIAL HANDLING EQUIP .....  | 10,381                 | 10,381                   |
|             | <b>BASE SUPPORT EQUIPMENT</b>   |                        |                          |
| 53          | BASE PROCURED EQUIPMENT .....   | 15,038                 | 15,038                   |
| 54          | ENGINEERING AND EOD EQUIPMENT .....   | 26,287                 | 26,287                   |
| 55          | MOBILITY EQUIPMENT .....  | 8,470                  | 45,150                   |
|             | UFR: Basic Expeditionary Airfield Resources spare requirements in support of the Set the Theater, PACOM ..... |                        | [36,680]                 |
| 56          | ITEMS LESS THAN \$5 MILLION .....   | 28,768                 | 28,768                   |
|             | <b>SPECIAL SUPPORT PROJECTS</b>   |                        |                          |
| 58          | DARP RC135 .....  | 25,985                 | 25,985                   |
| 59          | DCGS-AF .....   | 178,423                | 178,423                  |
| 61          | SPECIAL UPDATE PROGRAM .....  | 840,980                | 840,980                  |
|             | <b>CLASSIFIED PROGRAMS</b>  |                        |                          |
| 62          | CLASSIFIED PROGRAMS .....   | 16,601,513             | 16,601,513               |
|             | <b>SPARES AND REPAIR PARTS</b>  |                        |                          |
| 64          | SPARES AND REPAIR PARTS .....   | 26,675                 | 29,605                   |
|             | UFR: Basic Expeditionary Airfield Resources spare requirements in support of the Set the Theater, PACOM ..... |                        | [2,930]                  |
|             | <b>TOTAL OTHER PROCUREMENT, AIR FORCE</b> .....   | <b>19,603,497</b>      | <b>20,055,896</b>        |
|             | <b>PROCUREMENT, DEFENSE-WIDE</b>  |                        |                          |
|             | <b>MAJOR EQUIPMENT, OSD</b>   |                        |                          |
| 42          | MAJOR EQUIPMENT, OSD .....  | 36,999                 | 36,999                   |
|             | <b>MAJOR EQUIPMENT, NSA</b>   |                        |                          |
| 41          | INFORMATION SYSTEMS SECURITY PROGRAM (ISSP) .....   | 5,938                  | 5,938                    |
|             | <b>MAJOR EQUIPMENT, WHS</b>   |                        |                          |
| 45          | MAJOR EQUIPMENT, WHS .....  | 10,529                 | 10,529                   |
|             | <b>MAJOR EQUIPMENT, DISA</b>  |                        |                          |
| 7           | INFORMATION SYSTEMS SECURITY .....  | 24,805                 | 24,805                   |
| 8           | TELEPORT PROGRAM .....  | 46,638                 | 46,638                   |
| 9           | ITEMS LESS THAN \$5 MILLION .....   | 15,541                 | 15,541                   |
| 10          | NET CENTRIC ENTERPRISE SERVICES (NCES) .....  | 1,161                  | 1,161                    |
| 11          | DEFENSE INFORMATION SYSTEM NETWORK .....  | 126,345                | 126,345                  |
| 12          | CYBER SECURITY INITIATIVE .....   | 1,817                  | 1,817                    |
| 13          | WHITE HOUSE COMMUNICATION AGENCY .....  | 45,243                 | 45,243                   |
| 14          | SENIOR LEADERSHIP ENTERPRISE .....  | 294,139                | 294,139                  |
| 16          | JOINT REGIONAL SECURITY STACKS (JRSS) .....   | 188,483                | 188,483                  |
| 17          | JOINT SERVICE PROVIDER .....  | 100,783                | 100,783                  |
|             | <b>MAJOR EQUIPMENT, DLA</b>   |                        |                          |
| 19          | MAJOR EQUIPMENT .....   | 2,951                  | 2,951                    |
|             | <b>MAJOR EQUIPMENT, DSS</b>   |                        |                          |
| 23          | MAJOR EQUIPMENT .....   | 1,073                  | 1,073                    |
|             | <b>MAJOR EQUIPMENT, DCAA</b>  |                        |                          |
| 1           | ITEMS LESS THAN \$5 MILLION .....   | 1,475                  | 1,475                    |
|             | <b>MAJOR EQUIPMENT, TJS</b>   |                        |                          |
| 43          | MAJOR EQUIPMENT, TJS .....  | 9,341                  | 9,341                    |
| 44          | MAJOR EQUIPMENT, TJS—CE2T2 .....  | 903                    | 903                      |
|             | <b>MAJOR EQUIPMENT, MISSILE DEFENSE AGENCY</b>  |                        |                          |

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|-------------|--|------------------------|--------------------------|
| 27          | THAAD .....  | 451,592                | 770,992                  |
|             | UFR: Procures additional THAAD Interceptors .....                |                        | [319,400]                |
| 28          | AEGIS BMD .....  | 425,018                | 425,018                  |
| 29          | AEGIS BMD (AP) .....   | 38,738                 | 38,738                   |
| 30          | BMDs AN/TPY-2 RADARS .....                                       | 947                    | 947                      |
| 33          | AEGIS ASHORE PHASE III .....                                     | 59,739                 | 59,739                   |
| 34          | IRON DOME .....  | 42,000                 | 92,000                   |
|             | Increase for Co-production of Iron Dome Tamir interceptors ..... |                        | [50,000]                 |
| 35          | AEGIS BMD HARDWARE AND SOFTWARE .....                            | 160,330                | 160,330                  |
| 78          | DAVID'S SLING .....  | 0                      | 120,000                  |
|             | Increase to DSWS Co-production .....                             |                        | [120,000]                |
| 79          | ARROW UPPER TIER .....   | 0                      | 120,000                  |
|             | Increase Arrow 3 Co-production .....                             |                        | [120,000]                |
|             | <b>MAJOR EQUIPMENT, DHRA</b>                                     |                        |                          |
| 3           | PERSONNEL ADMINISTRATION .....                                   | 14,588                 | 14,588                   |
|             | <b>MAJOR EQUIPMENT, DEFENSE THREAT REDUCTION AGENCY</b>          |                        |                          |
| 25          | VEHICLES .....   | 204                    | 204                      |
| 26          | OTHER MAJOR EQUIPMENT .....                                      | 12,363                 | 12,363                   |
|             | <b>MAJOR EQUIPMENT, DODEA</b>                                    |                        |                          |
| 21          | AUTOMATION/EDUCATIONAL SUPPORT & LOGISTICS .....                 | 1,910                  | 1,910                    |
|             | <b>MAJOR EQUIPMENT, DCMA</b>                                     |                        |                          |
| 2           | MAJOR EQUIPMENT .....  | 4,347                  | 4,347                    |
|             | <b>MAJOR EQUIPMENT, DMACT</b>                                    |                        |                          |
| 20          | MAJOR EQUIPMENT .....  | 13,464                 | 13,464                   |
|             | <b>CLASSIFIED PROGRAMS</b>                                       |                        |                          |
| 46          | CLASSIFIED PROGRAMS .....  | 657,759                | 657,759                  |
|             | <b>AVIATION PROGRAMS</b>   |                        |                          |
| 49          | ROTARY WING UPGRADES AND SUSTAINMENT .....                       | 158,988                | 145,488                  |
|             | SOCOM requested transfer .....                                   |                        | [-13,500]                |
| 50          | UNMANNED ISR .....   | 13,295                 | 13,295                   |
| 51          | NON-STANDARD AVIATION .....                                      | 4,892                  | 4,892                    |
| 52          | U-28 .....   | 5,769                  | 20,569                   |
|             | UFR: Aircraft loss replacement .....                             |                        | [14,800]                 |
| 53          | MH-47 CHINOOK .....  | 87,345                 | 87,345                   |
| 55          | CV-22 MODIFICATION .....   | 42,178                 | 42,178                   |
| 57          | MQ-9 UNMANNED AERIAL VEHICLE .....                               | 21,660                 | 21,660                   |
| 59          | PRECISION STRIKE PACKAGE .....                                   | 229,728                | 229,728                  |
| 60          | AC/MC-130J .....   | 179,934                | 179,934                  |
| 61          | C-130 MODIFICATIONS .....  | 28,059                 | 28,059                   |
|             | <b>SHIPBUILDING</b>  |                        |                          |
| 62          | UNDERWATER SYSTEMS .....   | 92,606                 | 79,806                   |
|             | SOCOM requested transfer .....                                   |                        | [-12,800]                |
|             | <b>AMMUNITION PROGRAMS</b>                                       |                        |                          |
| 63          | ORDNANCE ITEMS <\$5M .....                                       | 112,331                | 112,331                  |
|             | <b>OTHER PROCUREMENT PROGRAMS</b>                                |                        |                          |
| 64          | INTELLIGENCE SYSTEMS .....                                       | 82,538                 | 82,538                   |
| 65          | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....                  | 11,042                 | 11,042                   |
| 66          | OTHER ITEMS <\$5M .....  | 54,592                 | 54,592                   |
| 67          | COMBATANT CRAFT SYSTEMS .....                                    | 23,272                 | 23,272                   |
| 68          | SPECIAL PROGRAMS .....   | 16,053                 | 16,053                   |
| 69          | TACTICAL VEHICLES .....  | 63,304                 | 63,304                   |
| 70          | WARRIOR SYSTEMS <\$5M .....                                      | 252,070                | 252,070                  |
| 71          | COMBAT MISSION REQUIREMENTS .....                                | 19,570                 | 19,570                   |
| 72          | GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....                       | 3,589                  | 3,589                    |
| 73          | OPERATIONAL ENHANCEMENTS INTELLIGENCE .....                      | 17,953                 | 17,953                   |
| 75          | OPERATIONAL ENHANCEMENTS .....                                   | 241,429                | 254,679                  |
|             | UFR: Medium Precision Strike munitions .....                     |                        | [13,250]                 |
|             | <b>CBDP</b>  |                        |                          |
| 76          | CHEMICAL BIOLOGICAL SITUATIONAL AWARENESS .....                  | 135,031                | 135,031                  |
| 77          | CB PROTECTION & HAZARD MITIGATION .....                          | 141,027                | 141,027                  |
|             | <b>TOTAL PROCUREMENT, DEFENSE-WIDE</b> .....                     | <b>4,835,418</b>       | <b>5,446,568</b>         |
|             | <b>JOINT URGENT OPERATIONAL NEEDS FUND</b>                       |                        |                          |
|             | <b>JOINT URGENT OPERATIONAL NEEDS FUND</b>                       |                        |                          |
| 1           | JOINT URGENT OPERATIONAL NEEDS FUND .....                        | 99,795                 | 99,795                   |
|             | <b>TOTAL JOINT URGENT OPERATIONAL NEEDS FUND</b> .....           | <b>99,795</b>          | <b>99,795</b>            |
|             | <b>UNDISTRIBUTED</b>   |                        |                          |
|             | <b>UNDISTRIBUTED</b>   |                        |                          |
| 1           | UNDISTRIBUTED .....  | 0                      | 1,870,600                |
|             | ERI costs transfer from OCO .....                                |                        | [1,870,600]              |
|             | <b>TOTAL UNDISTRIBUTED</b> .....                                 | <b>0</b>               | <b>1,870,600</b>         |
|             | <b>TOTAL PROCUREMENT</b> .....                                   | <b>113,983,713</b>     | <b>140,317,237</b>       |

## 1 SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY

## 2 OPERATIONS.

SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)

| Line   | Item   | FY 2018 Request  | Senate Authorized |
|--|--|------------------|-------------------|
| <b>AIRCRAFT PROCUREMENT, ARMY</b>                  |  |                  |                   |
| <b>FIXED WING</b>                                  |  |                  |                   |
| 4  | MQ-1 UAV .....                                       | 87,300           | 87,300            |
| <b>ROTARY</b>                                      |  |                  |                   |
| 6  | AH-64 APACHE BLOCK IIIA REMAN .....                  | 39,040           | 39,040            |
| <b>MODIFICATION OF AIRCRAFT</b>                    |  |                  |                   |
| 15   | MQ-1 PAYLOAD (MIP) .....                             | 41,400           | 41,400            |
| 18   | MULTI SENSOR ABN RECON (MIP) .....                   | 33,475           | 33,475            |
| 23   | EMARSS SEMA MODS (MIP) .....                         | 36,000           | 36,000            |
| 27   | COMMS, NAV SURVEILLANCE .....                        | 4,289            | 4,289             |
| <b>GROUND SUPPORT AVIONICS</b>                     |  |                  |                   |
| 33   | CMWS .....   | 139,742          | 139,742           |
| 34   | COMMON INFRARED COUNTERMEASURES (CIRCM) .....        | 43,440           | 43,440            |
| <b>TOTAL AIRCRAFT PROCUREMENT, ARMY .....</b>      |  | <b>424,686</b>   | <b>424,686</b>    |
| <b>MISSILE PROCUREMENT, ARMY</b>                   |  |                  |                   |
| <b>AIR-TO-SURFACE MISSILE SYSTEM</b>               |  |                  |                   |
| 5  | HELLFIRE SYS SUMMARY .....                           | 278,073          | 278,073           |
| <b>ANTI-TANK/ASSAULT MISSILE SYS</b>               |  |                  |                   |
| 8  | JAVELIN (LAWS-M) SYSTEM SUMMARY .....                | 8,112            | 8,112             |
| 9  | TOW 2 SYSTEM SUMMARY .....                           | 3,907            | 3,907             |
| 11   | GUIDED MLRS ROCKET (GMLRS) .....                     | 191,522          | 191,522           |
| 13   | HIGH MOBILITY ARTILLERY ROCKET SYSTEM (HIMARS) ..... | 41,000           | 41,000            |
| 14   | LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS) ..... | 8,669            | 8,669             |
| <b>MODIFICATIONS</b>                               |  |                  |                   |
| 18   | STINGER MODS .....                                   | 28,000           | 28,000            |
| <b>TOTAL MISSILE PROCUREMENT, ARMY .....</b>       |  | <b>559,283</b>   | <b>559,283</b>    |
| <b>PROCUREMENT OF W&amp;TCV, ARMY</b>              |  |                  |                   |
| <b>TRACKED COMBAT VEHICLES</b>                     |  |                  |                   |
| 1  | BRADLEY PROGRAM .....                                | 200,000          | 200,000           |
| 2  | ARMORED MULTI PURPOSE VEHICLE (AMPV) .....           | 253,903          | 253,903           |
| <b>MODIFICATION OF TRACKED COMBAT VEHICLES</b>     |  |                  |                   |
| 6  | BRADLEY PROGRAM (MOD) .....                          | 30,000           | 30,000            |
| 8  | PALADIN INTEGRATED MANAGEMENT (PIM) .....            | 125,736          | 125,736           |
| 14   | M1 ABRAMS TANK (MOD) .....                           | 138,700          | 138,700           |
| 15   | ABRAMS UPGRADE PROGRAM .....                         | 442,800          | 442,800           |
| <b>TOTAL PROCUREMENT OF W&amp;TCV, ARMY .....</b>  |  | <b>1,191,139</b> | <b>1,191,139</b>  |
| <b>PROCUREMENT OF AMMUNITION, ARMY</b>             |  |                  |                   |
| <b>SMALL/MEDIUM CAL AMMUNITION</b>                 |  |                  |                   |
| 3  | CTG, HANDGUN, ALL TYPES .....                        | 5                | 5                 |
| 4  | CTG, .50 CAL, ALL TYPES .....                        | 121              | 121               |
| 5  | CTG, 20MM, ALL TYPES .....                           | 1,605            | 1,605             |
| 7  | CTG, 30MM, ALL TYPES .....                           | 35,000           | 35,000            |
| <b>ARTILLERY AMMUNITION</b>                        |  |                  |                   |
| 15   | PROJ 155MM EXTENDED RANGE M982 .....                 | 23,234           | 23,234            |
| 16   | ARTILLERY PROPELLANTS, FUZES AND PRIMERS, ALL .....  | 20,023           | 20,023            |
| <b>MINES</b>                                       |  |                  |                   |
| 17   | MINES & CLEARING CHARGES, ALL TYPES .....            | 11,615           | 11,615            |
| <b>ROCKETS</b>                                     |  |                  |                   |
| 19   | SHOULDER LAUNCHED MUNITIONS, ALL TYPES .....         | 25,000           | 25,000            |
| 20   | ROCKET, HYDRA 70, ALL TYPES .....                    | 75,820           | 75,820            |
| <b>OTHER AMMUNITION</b>                            |  |                  |                   |
| 24   | SIGNALS, ALL TYPES .....                             | 1,013            | 1,013             |
| <b>TOTAL PROCUREMENT OF AMMUNITION, ARMY .....</b> |  | <b>193,436</b>   | <b>193,436</b>    |
| <b>OTHER PROCUREMENT, ARMY</b>                     |  |                  |                   |
| <b>TACTICAL VEHICLES</b>                           |  |                  |                   |
| 10   | FAMILY OF HEAVY TACTICAL VEHICLES (FHTV) .....       | 25,874           | 25,874            |
| 12   | HVY EXPANDED MOBILE TACTICAL TRUCK EXT SERV .....    | 38,628           | 38,628            |
| 14   | MODIFICATION OF IN SVC EQUIP .....                   | 64,647           | 64,647            |
| 15   | MINE-RESISTANT AMBUSH-PROTECTED (MRAP) MODS .....    | 17,508           | 17,508            |
| <b>COMM—JOINT COMMUNICATIONS</b>                   |  |                  |                   |
| 20   | SIGNAL MODERNIZATION PROGRAM .....                   | 4,900            | 4,900             |
| <b>COMM—COMBAT COMMUNICATIONS</b>                  |  |                  |                   |
| 41   | TRACTOR RIDE .....                                   | 1,000            | 1,000             |
| <b>COMM—BASE COMMUNICATIONS</b>                    |  |                  |                   |
| 62   | INSTALLATION INFO INFRASTRUCTURE MOD PROGRAM .....   | 2,500            | 2,500             |
| <b>ELECT EQUIP—TACT INT REL ACT (TIARA)</b>        |  |                  |                   |
| 68   | DCGS-A (MIP) .....                                   | 39,515           | 39,515            |
| 70   | TROJAN (MIP) .....                                   | 21,310           | 21,310            |
| 71   | MOD OF IN-SVC EQUIP (INTEL SPT) (MIP) .....          | 2,300            | 2,300             |

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>  | <i>FY 2018<br/>Request</i> | <i>Senate<br/>Authorized</i> |
|-------------|--|----------------------------|------------------------------|
| 72          | CI HUMINT AUTO REPRTING AND COLL(CHARCS) .....         | 14,460                     | 14,460                       |
| 75          | BIOMETRIC TACTICAL COLLECTION DEVICES (MIP) .....      | 5,180                      | 5,180                        |
|             | <b>ELECT EQUIP—ELECTRONIC WARFARE (EW)</b>             |                            |                              |
| 80          | FAMILY OF PERSISTENT SURVEILLANCE CAPABILITIE .....    | 16,935                     | 16,935                       |
| 81          | COUNTERINTELLIGENCE/SECURITY COUNTERMEASURES .....     | 18,874                     | 18,874                       |
|             | <b>ELECT EQUIP—TACTICAL SURV. (TAC SURV)</b>           |                            |                              |
| 84          | NIGHT VISION DEVICES .....                             | 377                        | 377                          |
| 85          | SMALL TACTICAL OPTICAL RIFLE MOUNTED MLRF .....        | 60                         | 60                           |
| 87          | INDIRECT FIRE PROTECTION FAMILY OF SYSTEMS .....       | 57,500                     | 57,500                       |
| 93          | MOD OF IN-SVC EQUIP (LLDR) .....                       | 3,974                      | 3,974                        |
| 95          | MORTAR FIRE CONTROL SYSTEM .....                       | 2,947                      | 2,947                        |
|             | <b>ELECT EQUIP—TACTICAL C2 SYSTEMS</b>                 |                            |                              |
| 98          | AIR & MSL DEFENSE PLANNING & CONTROL SYS .....         | 9,100                      | 9,100                        |
|             | <b>CHEMICAL DEFENSIVE EQUIPMENT</b>                    |                            |                              |
| 119         | BASE DEFENSE SYSTEMS (BDS) .....                       | 3,726                      | 3,726                        |
|             | <b>COMBAT SERVICE SUPPORT EQUIPMENT</b>                |                            |                              |
| 136         | HEATERS AND ECU'S .....                                | 270                        | 270                          |
| 142         | FIELD FEEDING EQUIPMENT .....                          | 145                        | 145                          |
| 143         | CARGO AERIAL DEL & PERSONNEL PARACHUTE SYSTEM .....    | 1,980                      | 1,980                        |
|             | <b>MEDICAL EQUIPMENT</b>                               |                            |                              |
| 148         | COMBAT SUPPORT MEDICAL .....                           | 25,690                     | 25,690                       |
|             | <b>MAINTENANCE EQUIPMENT</b>                           |                            |                              |
| 149         | MOBILE MAINTENANCE EQUIPMENT SYSTEMS .....             | 1,124                      | 1,124                        |
|             | <b>CONSTRUCTION EQUIPMENT</b>                          |                            |                              |
| 153         | HYDRAULIC EXCAVATOR .....                              | 3,850                      | 3,850                        |
| 157         | HIGH MOBILITY ENGINEER EXCAVATOR (HMEE) .....          | 1,932                      | 1,932                        |
|             | <b>GENERATORS</b>                                      |                            |                              |
| 164         | GENERATORS AND ASSOCIATED EQUIP .....                  | 569                        | 569                          |
|             | <b>TRAINING EQUIPMENT</b>                              |                            |                              |
| 168         | TRAINING DEVICES, NONSYSTEM .....                      | 2,700                      | 2,700                        |
|             | <b>TEST MEASURE AND DIG EQUIPMENT (TMD)</b>            |                            |                              |
| 173         | INTEGRATED FAMILY OF TEST EQUIPMENT (IFTE) .....       | 7,500                      | 7,500                        |
|             | <b>OTHER SUPPORT EQUIPMENT</b>                         |                            |                              |
| 176         | RAPID EQUIPPING SOLDIER SUPPORT EQUIPMENT .....        | 8,500                      | 8,500                        |
|             | <b>TOTAL OTHER PROCUREMENT, ARMY</b> .....             | <b>405,575</b>             | <b>405,575</b>               |
|             | <b>JOINT IMPROVISED-THREAT DEFEAT FUND</b>             |                            |                              |
|             | <b>NETWORK ATTACK</b>                                  |                            |                              |
| 1           | RAPID ACQUISITION AND THREAT RESPONSE .....            | 483,058                    | 483,058                      |
|             | <b>TOTAL JOINT IMPROVISED-THREAT DEFEAT FUND</b> ..... | <b>483,058</b>             | <b>483,058</b>               |
|             | <b>AIRCRAFT PROCUREMENT, NAVY</b>                      |                            |                              |
|             | <b>OTHER AIRCRAFT</b>                                  |                            |                              |
| 27          | STUASLo UAV .....                                      | 3,900                      | 3,900                        |
|             | <b>MODIFICATION OF AIRCRAFT</b>                        |                            |                              |
| 34          | H-53 SERIES .....                                      | 950                        | 950                          |
| 35          | SH-60 SERIES .....                                     | 15,382                     | 15,382                       |
| 37          | EP-3 SERIES .....                                      | 7,220                      | 7,220                        |
| 47          | SPECIAL PROJECT AIRCRAFT .....                         | 19,855                     | 19,855                       |
| 51          | COMMON ECM EQUIPMENT .....                             | 75,530                     | 75,530                       |
| 62          | QRC .....  | 15,150                     | 15,150                       |
|             | <b>AIRCRAFT SPARES AND REPAIR PARTS</b>                |                            |                              |
| 64          | SPARES AND REPAIR PARTS .....                          | 18,850                     | 18,850                       |
|             | <b>AIRCRAFT SUPPORT EQUIP &amp; FACILITIES</b>         |                            |                              |
| 66          | AIRCRAFT INDUSTRIAL FACILITIES .....                   | 463                        | 463                          |
|             | <b>TOTAL AIRCRAFT PROCUREMENT, NAVY</b> .....          | <b>157,300</b>             | <b>157,300</b>               |
|             | <b>WEAPONS PROCUREMENT, NAVY</b>                       |                            |                              |
|             | <b>STRATEGIC MISSILES</b>                              |                            |                              |
| 3           | TOMAHAWK .....   | 100,086                    | 100,086                      |
|             | <b>TACTICAL MISSILES</b>                               |                            |                              |
| 7           | STANDARD MISSILE .....                                 | 35,208                     | 35,208                       |
| 11          | HELLFIRE .....   | 8,771                      | 8,771                        |
| 12          | LASER MAVERICK .....                                   | 5,040                      | 5,040                        |
|             | <b>MODIFICATION OF MISSILES</b>                        |                            |                              |
| 17          | ESSM .....   | 1,768                      | 1,768                        |
|             | <b>GUNS AND GUN MOUNTS</b>                             |                            |                              |
| 35          | SMALL ARMS AND WEAPONS .....                           | 1,500                      | 1,500                        |
|             | <b>TOTAL WEAPONS PROCUREMENT, NAVY</b> .....           | <b>152,373</b>             | <b>152,373</b>               |
|             | <b>PROCUREMENT OF AMMO, NAVY &amp; MC</b>              |                            |                              |
|             | <b>NAVY AMMUNITION</b>                                 |                            |                              |
| 1           | GENERAL PURPOSE BOMBS .....                            | 74,021                     | 74,021                       |
| 2           | JDAM .....   | 106,941                    | 106,941                      |
| 3           | AIRBORNE ROCKETS, ALL TYPES .....                      | 1,184                      | 1,184                        |
| 7           | AIR EXPENDABLE COUNTERMEASURES .....                   | 15,700                     | 15,700                       |
| 8           | JATOS .....  | 540                        | 540                          |
| 12          | OTHER SHIP GUN AMMUNITION .....                        | 13,789                     | 13,789                       |

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Item</b>   | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|-------------|---|------------------------|--------------------------|
| 13          | SMALL ARMS & LANDING PARTY AMMO .....                 | 1,963                  | 1,963                    |
| 14          | PYROTECHNIC AND DEMOLITION .....                      | 765                    | 765                      |
| 16          | AMMUNITION LESS THAN \$5 MILLION .....                | 866                    | 866                      |
|             | <b>MARINE CORPS AMMUNITION</b>                        |                        |                          |
| 20          | MORTARS .....   | 1,290                  | 1,290                    |
| 23          | DIRECT SUPPORT MUNITIONS .....                        | 1,355                  | 1,355                    |
| 24          | INFANTRY WEAPONS AMMUNITION .....                     | 1,854                  | 1,854                    |
| 33          | ARTILLERY MUNITIONS .....                             | 5,319                  | 5,319                    |
|             | <b>TOTAL PROCUREMENT OF AMMO, NAVY &amp; MC</b> ..... | <b>225,587</b>         | <b>225,587</b>           |
|             | <b>OTHER PROCUREMENT, NAVY</b>                        |                        |                          |
|             | <b>OTHER SHIPBOARD EQUIPMENT</b>                      |                        |                          |
| 25          | UNDERWATER EOD PROGRAMS .....                         | 12,348                 | 12,348                   |
|             | <b>SMALL BOATS</b>                                    |                        |                          |
| 32          | STANDARD BOATS .....                                  | 18,000                 | 18,000                   |
|             | <b>SHIP SONARS</b>                                    |                        |                          |
| 46          | SSN ACOUSTIC EQUIPMENT .....                          | 43,500                 | 43,500                   |
|             | <b>AVIATION ELECTRONIC EQUIPMENT</b>                  |                        |                          |
| 78          | NAVAL MISSION PLANNING SYSTEMS .....                  | 2,550                  | 2,550                    |
|             | <b>OTHER SHORE ELECTRONIC EQUIPMENT</b>               |                        |                          |
| 80          | TACTICAL/MOBILE CAI SYSTEMS .....                     | 7,900                  | 7,900                    |
| 81          | DCGS-N .....  | 6,392                  | 6,392                    |
|             | <b>CRYPTOLOGIC EQUIPMENT</b>                          |                        |                          |
| 101         | CRYPTOLOGIC COMMUNICATIONS EQUIP .....                | 2,280                  | 2,280                    |
|             | <b>AIRCRAFT SUPPORT EQUIPMENT</b>                     |                        |                          |
| 119         | AVIATION SUPPORT EQUIPMENT .....                      | 29,245                 | 29,245                   |
|             | <b>SHIP MISSILE SYSTEMS EQUIPMENT</b>                 |                        |                          |
| 121         | SHIP MISSILE SUPPORT EQUIPMENT .....                  | 2,436                  | 2,436                    |
|             | <b>OTHER ORDNANCE SUPPORT EQUIPMENT</b>               |                        |                          |
| 126         | EXPLOSIVE ORDNANCE DISPOSAL EQUIP .....               | 31,970                 | 31,970                   |
|             | <b>CIVIL ENGINEERING SUPPORT EQUIPMENT</b>            |                        |                          |
| 132         | GENERAL PURPOSE TRUCKS .....                          | 496                    | 496                      |
| 134         | FIRE FIGHTING EQUIPMENT .....                         | 2,304                  | 2,304                    |
| 135         | TACTICAL VEHICLES .....                               | 2,336                  | 2,336                    |
|             | <b>SUPPLY SUPPORT EQUIPMENT</b>                       |                        |                          |
| 141         | SUPPLY EQUIPMENT .....                                | 164                    | 164                      |
| 143         | FIRST DESTINATION TRANSPORTATION .....                | 420                    | 420                      |
|             | <b>COMMAND SUPPORT EQUIPMENT</b>                      |                        |                          |
| 147         | COMMAND SUPPORT EQUIPMENT .....                       | 21,650                 | 21,650                   |
| 152         | OPERATING FORCES SUPPORT EQUIPMENT .....              | 15,800                 | 15,800                   |
| 154         | ENVIRONMENTAL SUPPORT EQUIPMENT .....                 | 1,000                  | 1,000                    |
| 155         | PHYSICAL SECURITY EQUIPMENT .....                     | 15,890                 | 15,890                   |
|             | CLASSIFIED PROGRAMS .....                             | 2,200                  | 2,200                    |
|             | <b>CLASSIFIED PROGRAMS</b>                            |                        |                          |
|             | <b>SPARES AND REPAIR PARTS</b>                        |                        |                          |
| 161         | SPARES AND REPAIR PARTS .....                         | 1,178                  | 1,178                    |
|             | <b>TOTAL OTHER PROCUREMENT, NAVY</b> .....            | <b>220,059</b>         | <b>220,059</b>           |
|             | <b>PROCUREMENT, MARINE CORPS</b>                      |                        |                          |
|             | <b>ARTILLERY AND OTHER WEAPONS</b>                    |                        |                          |
| 6           | HIGH MOBILITY ARTILLERY ROCKET SYSTEM .....           | 5,360                  | 5,360                    |
|             | <b>GUIDED MISSILES</b>                                |                        |                          |
| 11          | JAVELIN .....   | 2,833                  | 2,833                    |
| 12          | FOLLOW ON TO SMAW .....                               | 49                     | 49                       |
| 13          | ANTI-ARMOR WEAPONS SYSTEM-HEAVY (AAWS-II) .....       | 5,024                  | 5,024                    |
|             | <b>REPAIR AND TEST EQUIPMENT</b>                      |                        |                          |
| 17          | REPAIR AND TEST EQUIPMENT .....                       | 8,241                  | 8,241                    |
|             | <b>OTHER SUPPORT (TEL)</b>                            |                        |                          |
| 19          | MODIFICATION KITS .....                               | 750                    | 750                      |
|             | <b>COMMAND AND CONTROL SYSTEM (NON-TEL)</b>           |                        |                          |
| 20          | ITEMS UNDER \$5 MILLION (COMM & ELEC) .....           | 200                    | 200                      |
|             | <b>RADAR + EQUIPMENT (NON-TEL)</b>                    |                        |                          |
| 24          | RQ-21 UAS .....                                       | 8,400                  | 8,400                    |
|             | <b>INTELL/COMM EQUIPMENT (NON-TEL)</b>                |                        |                          |
| 26          | FIRE SUPPORT SYSTEM .....                             | 50                     | 50                       |
| 27          | INTELLIGENCE SUPPORT EQUIPMENT .....                  | 3,000                  | 3,000                    |
|             | <b>OTHER SUPPORT (NON-TEL)</b>                        |                        |                          |
| 37          | COMMAND POST SYSTEMS .....                            | 5,777                  | 5,777                    |
| 38          | RADIO SYSTEMS .....                                   | 4,590                  | 4,590                    |
|             | <b>ENGINEER AND OTHER EQUIPMENT</b>                   |                        |                          |
| 53          | EOD SYSTEMS .....                                     | 21,000                 | 21,000                   |
|             | <b>TOTAL PROCUREMENT, MARINE CORPS</b> .....          | <b>65,274</b>          | <b>65,274</b>            |
|             | <b>AIRCRAFT PROCUREMENT, AIR FORCE</b>                |                        |                          |
|             | <b>OTHER AIRCRAFT</b>                                 |                        |                          |
| 17          | MQ-9 .....  | 271,080                | 271,080                  |
|             | <b>AIRLIFT AIRCRAFT</b>                               |                        |                          |
| 33          | C-17A .....   | 26,850                 | 26,850                   |

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(In Thousands of Dollars)

| <b>Line</b>                                 | <b>Item</b>   | <b>FY 2018<br/>Request</b> | <b>Senate<br/>Authorized</b> |
|---|---|----------------------------|------------------------------|
| <b>OTHER AIRCRAFT</b>                       |   |                            |                              |
| 48  | C-130J MODS .....                                       | 8,400                      | 8,400                        |
| 51  | COMPASS CALL MODS .....                                 | 56,720                     | 56,720                       |
| 56  | E-8 .....   | 3,000                      | 3,000                        |
| 62  | HC/MC-130 MODIFICATIONS .....                           | 153,080                    | 153,080                      |
| 63  | OTHER AIRCRAFT .....                                    | 10,381                     | 10,381                       |
| 65  | MQ-9 MODS .....   | 56,400                     | 56,400                       |
| <b>AIRCRAFT SPARES AND REPAIR PARTS</b>     |   |                            |                              |
| 67  | INITIAL SPARES/REPAIR PARTS .....                       | 129,450                    | 129,450                      |
| <b>COMMON SUPPORT EQUIPMENT</b>             |   |                            |                              |
| 68  | AIRCRAFT REPLACEMENT SUPPORT EQUIP .....                | 25,417                     | 25,417                       |
|   | <b>TOTAL AIRCRAFT PROCUREMENT, AIR FORCE</b> .....      | <b>740,778</b>             | <b>740,778</b>               |
| <b>MISSILE PROCUREMENT, AIR FORCE</b>       |   |                            |                              |
| <b>TACTICAL</b>                             |   |                            |                              |
| 6   | PREDATOR HELLFIRE MISSILE .....                         | 294,480                    | 294,480                      |
| 7   | SMALL DIAMETER BOMB .....                               | 90,920                     | 90,920                       |
| <b>CLASS IV</b>                             |   |                            |                              |
| 11  | AGM-65D MAVERICK .....                                  | 10,000                     | 10,000                       |
|   | <b>TOTAL MISSILE PROCUREMENT, AIR FORCE</b> .....       | <b>395,400</b>             | <b>395,400</b>               |
| <b>SPACE PROCUREMENT, AIR FORCE</b>         |   |                            |                              |
| <b>SPACE PROGRAMS</b>                       |   |                            |                              |
| 10  | MILSATCOM .....   | 2,256                      | 2,256                        |
|   | <b>TOTAL SPACE PROCUREMENT, AIR FORCE</b> .....         | <b>2,256</b>               | <b>2,256</b>                 |
| <b>PROCUREMENT OF AMMUNITION, AIR FORCE</b> |   |                            |                              |
| <b>ROCKETS</b>                              |   |                            |                              |
| 1   | ROCKETS .....   | 49,050                     | 49,050                       |
| <b>CARTRIDGES</b>                           |   |                            |                              |
| 2   | CARTRIDGES .....  | 11,384                     | 11,384                       |
| <b>BOMBS</b>                                |   |                            |                              |
| 6   | JOINT DIRECT ATTACK MUNITION .....                      | 390,577                    | 390,577                      |
| <b>FLARES</b>                               |   |                            |                              |
| 15  | FLARES .....  | 3,498                      | 3,498                        |
| <b>FUZES</b>                                |   |                            |                              |
| 16  | FUZES .....   | 47,000                     | 47,000                       |
|   | <b>TOTAL PROCUREMENT OF AMMUNITION, AIR FORCE</b> ..... | <b>501,509</b>             | <b>501,509</b>               |
| <b>OTHER PROCUREMENT, AIR FORCE</b>         |   |                            |                              |
| <b>PASSENGER CARRYING VEHICLES</b>          |   |                            |                              |
| 1   | PASSENGER CARRYING VEHICLES .....                       | 3,855                      | 3,855                        |
| <b>CARGO AND UTILITY VEHICLES</b>           |   |                            |                              |
| 4   | CARGO AND UTILITY VEHICLES .....                        | 1,882                      | 1,882                        |
| <b>SPECIAL PURPOSE VEHICLES</b>             |   |                            |                              |
| 5   | SECURITY AND TACTICAL VEHICLES .....                    | 1,100                      | 1,100                        |
| 6   | SPECIAL PURPOSE VEHICLES .....                          | 32,479                     | 32,479                       |
| <b>FIRE FIGHTING EQUIPMENT</b>              |   |                            |                              |
| 7   | FIRE FIGHTING/CRASH RESCUE VEHICLES .....               | 22,583                     | 22,583                       |
| <b>MATERIALS HANDLING EQUIPMENT</b>         |   |                            |                              |
| 8   | MATERIALS HANDLING VEHICLES .....                       | 5,353                      | 5,353                        |
| <b>BASE MAINTENANCE SUPPORT</b>             |   |                            |                              |
| 9   | RUNWAY SNOW REMOV & CLEANING EQUIP .....                | 11,315                     | 11,315                       |
| 10  | BASE MAINTENANCE SUPPORT VEHICLES .....                 | 40,451                     | 40,451                       |
| <b>INTELLIGENCE PROGRAMS</b>                |   |                            |                              |
| 13  | INTERNATIONAL INTEL TECH & ARCHITECTURES .....          | 8,873                      | 8,873                        |
| 15  | INTELLIGENCE COMM EQUIPMENT .....                       | 2,000                      | 2,000                        |
| <b>ELECTRONICS PROGRAMS</b>                 |   |                            |                              |
| 16  | AIR TRAFFIC CONTROL & LANDING SYS .....                 | 56,500                     | 56,500                       |
| 19  | THEATER AIR CONTROL SYS IMPROVEMENTS .....              | 4,970                      | 4,970                        |
| <b>SPCL COMM-ELECTRONICS PROJECTS</b>       |   |                            |                              |
| 29  | AIR FORCE PHYSICAL SECURITY SYSTEM .....                | 3,000                      | 3,000                        |
| <b>ORGANIZATION AND BASE</b>                |   |                            |                              |
| 48  | BASE COMM INFRASTRUCTURE .....                          | 55,000                     | 55,000                       |
| <b>PERSONAL SAFETY &amp; RESCUE EQUIP</b>   |   |                            |                              |
| 51  | ITEMS LESS THAN \$5 MILLION .....                       | 8,469                      | 8,469                        |
| <b>BASE SUPPORT EQUIPMENT</b>               |   |                            |                              |
| 53  | BASE PROCURED EQUIPMENT .....                           | 7,500                      | 7,500                        |
| 54  | ENGINEERING AND EOD EQUIPMENT .....                     | 80,427                     | 80,427                       |
| 56  | ITEMS LESS THAN \$5 MILLION .....                       | 110,405                    | 110,405                      |
| <b>SPECIAL SUPPORT PROJECTS</b>             |   |                            |                              |
| 58  | DARP RC135 .....  | 700                        | 700                          |
| 59  | DCGS-AF .....   | 9,200                      | 9,200                        |
|   | CLASSIFIED PROGRAMS .....                               | 3,542,825                  | 3,542,825                    |
|   | <b>TOTAL OTHER PROCUREMENT, AIR FORCE</b> .....         | <b>4,008,887</b>           | <b>4,008,887</b>             |
| <b>PROCUREMENT, DEFENSE-WIDE</b>            |   |                            |                              |
| <b>MAJOR EQUIPMENT, DISA</b>                |   |                            |                              |

**SEC. 4102. PROCUREMENT FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| Line | Item   | FY 2018 Request   | Senate Authorized |
|------|--|-------------------|-------------------|
| 8    | TELEPORT PROGRAM .....                         | 1,979             | 1,979             |
| 18   | DEFENSE INFORMATION SYSTEMS NETWORK .....      | 12,000            | 12,000            |
|      | CLASSIFIED PROGRAMS .....                      | 43,653            | 43,653            |
|      | <b>AVIATION PROGRAMS</b>                       |                   |                   |
| 46   | MANNED ISR .....                               | 15,900            | 15,900            |
| 47   | MC-12 .....                                    | 20,000            | 20,000            |
| 50   | UNMANNED ISR .....                             | 38,933            | 38,933            |
| 51   | NON-STANDARD AVIATION .....                    | 9,600             | 9,600             |
| 52   | U-28 .....                                     | 8,100             | 8,100             |
| 53   | MH-47 CHINOOK .....                            | 10,270            | 10,270            |
| 57   | MQ-9 UNMANNED AERIAL VEHICLE .....             | 19,780            | 19,780            |
| 61   | C-130 MODIFICATIONS .....                      | 3,750             | 3,750             |
|      | <b>AMMUNITION PROGRAMS</b>                     |                   |                   |
| 63   | ORDNANCE ITEMS <\$5M .....                     | 62,643            | 62,643            |
|      | <b>OTHER PROCUREMENT PROGRAMS</b>              |                   |                   |
| 64   | INTELLIGENCE SYSTEMS .....                     | 12,000            | 12,000            |
| 69   | TACTICAL VEHICLES .....                        | 38,527            | 38,527            |
| 70   | WARRIOR SYSTEMS <\$5M .....                    | 20,215            | 20,215            |
| 73   | OPERATIONAL ENHANCEMENTS INTELLIGENCE .....    | 7,134             | 7,134             |
| 75   | OPERATIONAL ENHANCEMENTS .....                 | 193,542           | 209,442           |
|      | UFR: Joint Task Force Platform Expansion ..... |                   | [15,900]          |
|      | <b>TOTAL PROCUREMENT, DEFENSE-WIDE</b> .....   | <b>518,026</b>    | <b>533,926</b>    |
|      | <b>UNDISTRIBUTED</b>                           |                   |                   |
| 1    | UNDISTRIBUTED .....                            |                   | -1,870,600        |
|      | ERI costs transfer from OCO to base .....      |                   | [-1,870,600]      |
|      | <b>TOTAL UNDISTRIBUTED</b> .....               | <b>0</b>          | <b>0</b>          |
|      | <b>TOTAL PROCUREMENT</b> .....                 | <b>10,244,626</b> | <b>8,389,926</b>  |

1 **TITLE XLII—RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 2 **TION**  
 3 **TION**

4 **SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 5 **TION.**

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

| Line | Program Element | Item   | FY 2018 Request | Senate Authorized |
|------|-----------------|--|-----------------|-------------------|
|      |                 | <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY</b>      |                 |                   |
|      |                 | <b>BASIC RESEARCH</b>                                    |                 |                   |
| 1    | 0601101A        | IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....           | 12,010          | 12,010            |
| 2    | 0601102A        | DEFENSE RESEARCH SCIENCES .....                          | 263,590         | 273,590           |
|      |                 | Basic research program increase .....                    |                 | [10,000]          |
| 3    | 0601103A        | UNIVERSITY RESEARCH INITIATIVES .....                    | 67,027          | 67,027            |
| 4    | 0601104A        | UNIVERSITY AND INDUSTRY RESEARCH CENTERS .....           | 87,395          | 92,395            |
|      |                 | Basic research program increase .....                    |                 | [5,000]           |
| 235  | 111111          | UNDISTRIBUTED BASIC RESEARCH .....                       | 0               | 10,000            |
|      |                 | Modernizing Army capabilities and Third Offset .....     |                 | [10,000]          |
|      |                 | <b>SUBTOTAL BASIC RESEARCH</b> .....                     | <b>430,022</b>  | <b>455,022</b>    |
|      |                 | <b>APPLIED RESEARCH</b>                                  |                 |                   |
| 5    | 0602105A        | MATERIALS TECHNOLOGY .....                               | 29,640          | 39,640            |
|      |                 | Strategic materials .....                                |                 | [10,000]          |
| 6    | 0602120A        | SENSORS AND ELECTRONIC SURVIVABILITY .....               | 35,730          | 35,730            |
| 7    | 0602122A        | TRACTOR HIP .....  | 8,627           | 8,627             |
| 8    | 0602211A        | AVIATION TECHNOLOGY .....                                | 66,086          | 61,086            |
|      |                 | General program reduction .....                          |                 | [-5,000]          |
| 9    | 0602270A        | ELECTRONIC WARFARE TECHNOLOGY .....                      | 27,144          | 27,144            |
| 10   | 0602303A        | MISSILE TECHNOLOGY .....                                 | 43,742          | 43,742            |
| 11   | 0602307A        | ADVANCED WEAPONS TECHNOLOGY .....                        | 22,785          | 22,785            |
| 12   | 0602308A        | ADVANCED CONCEPTS AND SIMULATION .....                   | 28,650          | 28,650            |
| 13   | 0602601A        | COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY .....           | 67,232          | 67,232            |
| 14   | 0602618A        | BALLISTICS TECHNOLOGY .....                              | 85,309          | 85,309            |
| 15   | 0602622A        | CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY ..... | 4,004           | 4,004             |

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Program Element</b> | <b>Item</b>  | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|-------------|------------------------|--|------------------------|--------------------------|
| 16          | 0602623A               | JOINT SERVICE SMALL ARMS PROGRAM .....   | 5,615                  | 5,615                    |
| 17          | 0602624A               | WEAPONS AND MUNITIONS TECHNOLOGY .....   | 41,455                 | 41,455                   |
| 18          | 0602705A               | ELECTRONICS AND ELECTRONIC DEVICES .....   | 58,352                 | 58,352                   |
| 19          | 0602709A               | NIGHT VISION TECHNOLOGY .....  | 34,723                 | 34,723                   |
| 20          | 0602712A               | COUNTERMINE SYSTEMS .....  | 26,190                 | 26,190                   |
| 21          | 0602716A               | HUMAN FACTORS ENGINEERING TECHNOLOGY .....                                       | 24,127                 | 24,127                   |
| 22          | 0602720A               | ENVIRONMENTAL QUALITY TECHNOLOGY .....   | 21,678                 | 21,678                   |
| 23          | 0602782A               | COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY .....                                | 33,123                 | 38,123                   |
|             |                        | <i>Position, navigation, and timing technologies</i> .....                       |                        | [5,000]                  |
| 24          | 0602783A               | COMPUTER AND SOFTWARE TECHNOLOGY .....   | 14,041                 | 14,041                   |
| 25          | 0602784A               | MILITARY ENGINEERING TECHNOLOGY .....  | 67,720                 | 67,720                   |
| 26          | 0602785A               | MANPOWER/PERSONNEL/TRAINING TECHNOLOGY .....                                     | 20,216                 | 20,216                   |
| 27          | 0602786A               | WARFIGHTER TECHNOLOGY .....  | 39,559                 | 39,559                   |
| 28          | 0602787A               | MEDICAL TECHNOLOGY .....   | 83,434                 | 83,434                   |
| 236         | 222222                 | UNDISTRIBUTED APPLIED RESEARCH .....   | 0                      | 15,000                   |
|             |                        | <i>Modernizing Army capabilities and Third Offset</i> .....                      |                        | [15,000]                 |
|             |                        | <b>SUBTOTAL APPLIED RESEARCH</b> .....   | <b>889,182</b>         | <b>914,182</b>           |
|             |                        | <b>ADVANCED TECHNOLOGY DEVELOPMENT</b>   |                        |                          |
| 29          | 0603001A               | WARFIGHTER ADVANCED TECHNOLOGY .....   | 44,863                 | 44,863                   |
| 30          | 0603002A               | MEDICAL ADVANCED TECHNOLOGY .....  | 67,780                 | 67,780                   |
| 31          | 0603003A               | AVIATION ADVANCED TECHNOLOGY .....   | 160,746                | 140,746                  |
|             |                        | <i>Platform design &amp; structure systems</i> .....                             |                        | [-20,000]                |
| 32          | 0603004A               | WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY .....                                  | 84,079                 | 84,079                   |
| 33          | 0603005A               | COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY .....                          | 125,537                | 125,537                  |
| 34          | 0603006A               | SPACE APPLICATION ADVANCED TECHNOLOGY .....                                      | 12,231                 | 12,231                   |
| 35          | 0603007A               | MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY .....                       | 6,466                  | 6,466                    |
| 36          | 0603009A               | TRACTOR HIKE .....   | 28,552                 | 28,552                   |
| 37          | 0603015A               | NEXT GENERATION TRAINING & SIMULATION SYSTEMS .....                              | 16,434                 | 16,434                   |
| 39          | 0603125A               | COMBATING TERRORISM—TECHNOLOGY DEVELOPMENT .....                                 | 26,903                 | 26,903                   |
| 40          | 0603130A               | TRACTOR NAIL .....   | 4,880                  | 4,880                    |
| 41          | 0603131A               | TRACTOR EGGS .....   | 4,326                  | 4,326                    |
| 42          | 0603270A               | ELECTRONIC WARFARE TECHNOLOGY .....  | 31,296                 | 31,296                   |
| 43          | 0603313A               | MISSILE AND ROCKET ADVANCED TECHNOLOGY .....                                     | 62,850                 | 62,850                   |
| 44          | 0603322A               | TRACTOR CAGE .....   | 12,323                 | 12,323                   |
| 45          | 0603461A               | HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM .....                           | 182,331                | 222,331                  |
|             |                        | <i>Program increase</i> .....  |                        | [40,000]                 |
| 46          | 0603606A               | LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY ..                              | 17,948                 | 17,948                   |
| 47          | 0603607A               | JOINT SERVICE SMALL ARMS PROGRAM .....   | 5,796                  | 5,796                    |
| 48          | 0603710A               | NIGHT VISION ADVANCED TECHNOLOGY .....   | 47,135                 | 47,135                   |
| 49          | 0603728A               | ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS ....                             | 10,421                 | 10,421                   |
| 50          | 0603734A               | MILITARY ENGINEERING ADVANCED TECHNOLOGY .....                                   | 32,448                 | 27,448                   |
|             |                        | <i>Combat engineering system</i> .....   |                        | [-5,000]                 |
| 51          | 0603772A               | ADVANCED TACTICAL COMPUTER SCIENCE AND SENSOR TECHNOLOGY .....                   | 52,206                 | 52,206                   |
| 52          | 0603794A               | C3 ADVANCED TECHNOLOGY .....   | 33,426                 | 33,426                   |
| 237         | 333333                 | UNDISTRIBUTED ADVANCED TECHNOLOGY DEVELOPMENT .....                              | 0                      | 20,000                   |
|             |                        | <i>Modernizing Army capabilities and Third Offset</i> .....                      |                        | [20,000]                 |
|             |                        | <b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b> ..                               | <b>1,070,977</b>       | <b>1,105,977</b>         |
|             |                        | <b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>                           |                        |                          |
| 53          | 0603305A               | ARMY MISSILE DEFENSE SYSTEMS INTEGRATION .....                                   | 9,634                  | 9,634                    |
| 55          | 0603327A               | AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....                                | 33,949                 | 33,949                   |
| 56          | 0603619A               | LANDMINE WARFARE AND BARRIER—ADV DEV .....                                       | 72,909                 | 72,909                   |
| 57          | 0603627A               | SMOKE, OBSCURANT AND TARGET DEFEATING SYS—ADV DEV ..                             | 7,135                  | 7,135                    |
| 58          | 0603639A               | TANK AND MEDIUM CALIBER AMMUNITION .....   | 41,452                 | 65,902                   |
|             |                        | <i>UPR: Munitions and CM development</i> .....                                   |                        | [24,450]                 |
| 59          | 0603645A               | ARMORED SYSTEM MODERNIZATION—ADV DEV .....                                       | 32,739                 | 102,739                  |
|             |                        | <i>UPR: Supports development of critical ground combat vehicle technologies.</i> |                        | [70,000]                 |
| 60          | 0603747A               | SOLDIER SUPPORT AND SURVIVABILITY .....  | 10,157                 | 10,157                   |
| 61          | 0603766A               | TACTICAL ELECTRONIC SURVEILLANCE SYSTEM—ADV DEV .....                            | 27,733                 | 29,353                   |
|             |                        | <i>UPR: Funds of the Advanced Miniaturized Data Acquisition System-Next.</i>     |                        | [1,620]                  |
| 62          | 0603774A               | NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT .....                                  | 12,347                 | 12,347                   |
| 63          | 0603779A               | ENVIRONMENTAL QUALITY TECHNOLOGY—DEM/VAL .....                                   | 10,456                 | 10,456                   |
| 64          | 0603790A               | NATO RESEARCH AND DEVELOPMENT .....  | 2,588                  | 2,588                    |
| 65          | 0603801A               | AVIATION—ADV DEV .....   | 14,055                 | 14,055                   |
| 66          | 0603804A               | LOGISTICS AND ENGINEER EQUIPMENT—ADV DEV .....                                   | 35,333                 | 35,333                   |
| 67          | 0603807A               | MEDICAL SYSTEMS—ADV DEV .....  | 33,491                 | 33,491                   |
| 68          | 0603827A               | SOLDIER SYSTEMS—ADVANCED DEVELOPMENT .....                                       | 20,239                 | 20,239                   |
| 69          | 0604017A               | ROBOTICS DEVELOPMENT .....   | 39,608                 | 44,608                   |
|             |                        | <i>UPR: Accelerate armed Robotic Wingman development</i> .....                   |                        | [5,000]                  |
| 70          | 0604100A               | ANALYSIS OF ALTERNATIVES .....   | 9,921                  | 9,921                    |
| 71          | 0604114A               | LOWER TIER AIR MISSILE DEFENSE (LTAMD) SENSOR .....                              | 76,728                 | 76,728                   |
| 72          | 0604115A               | TECHNOLOGY MATURATION INITIATIVES .....  | 115,221                | 115,221                  |

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Program Element</b> | <b>Item</b>   | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|-------------|------------------------|---|------------------------|--------------------------|
| 73          | 0604117A               | MANEUVER—SHORT RANGE AIR DEFENSE (M-SHORAD) .....                               | 20,000                 | 20,000                   |
| 74          | 0604118A               | TRACTOR BEAM .....  | 10,400                 | 10,400                   |
| 75          | 0604120A               | ASSURED POSITIONING, NAVIGATION AND TIMING (PNT) .....                          | 164,967                | 165,093                  |
|             |                        | UFR: Fully funds Anti-Jam Antenna development and testing .....                 |                        | [126]                    |
| 76          | 0604121A               | SYNTHETIC TRAINING ENVIRONMENT REFINEMENT & PROTOTYPING.                        | 1,600                  | 1,600                    |
| 77          | 0604319A               | INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2-INTERCEPT (IFPC <sup>2</sup> ). | 11,303                 | 11,303                   |
| 78          | 0305251A               | CYBERSPACE OPERATIONS FORCES AND FORCE SUPPORT .....                            | 56,492                 | 56,492                   |
| 79          | 1206308A               | ARMY SPACE SYSTEMS INTEGRATION .....  | 20,432                 | 20,432                   |
|             |                        | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES.</b>                | <b>890,889</b>         | <b>992,085</b>           |
|             |                        | <b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>                                   |                        |                          |
| 80          | 0604201A               | AIRCRAFT AVIONICS .....   | 30,153                 | 42,153                   |
|             |                        | UFR: Funds implementation of Assured Position, Navigation, and Timing (A-PNT).  |                        | [12,000]                 |
| 81          | 0604270A               | ELECTRONIC WARFARE DEVELOPMENT .....  | 71,671                 | 71,671                   |
| 83          | 0604290A               | MID-TIER NETWORKING VEHICULAR RADIO (MNV <sup>R</sup> ) .....                   | 10,589                 | 10,589                   |
| 84          | 0604321A               | ALL SOURCE ANALYSIS SYSTEM .....  | 4,774                  | 4,774                    |
| 85          | 0604328A               | TRACTOR CAGE .....  | 17,252                 | 30,252                   |
|             |                        | UFR: Provides the Army's Cyber Mission Force (CMF) with classified cyber tools. |                        | [13,000]                 |
| 86          | 0604601A               | INFANTRY SUPPORT WEAPONS .....  | 87,643                 | 93,643                   |
|             |                        | UFR: Acceleration of qualification of XM914 and XM913 .....                     |                        | [6,000]                  |
| 87          | 0604604A               | MEDIUM TACTICAL VEHICLES .....  | 6,039                  | 6,039                    |
| 88          | 0604611A               | JAVELIN .....   | 21,095                 | 21,095                   |
| 89          | 0604622A               | FAMILY OF HEAVY TACTICAL VEHICLES .....   | 10,507                 | 10,507                   |
| 90          | 0604633A               | AIR TRAFFIC CONTROL .....   | 3,536                  | 3,536                    |
| 92          | 0604642A               | LIGHT TACTICAL WHEELED VEHICLES .....   | 7,000                  | 7,000                    |
| 93          | 0604645A               | ARMORED SYSTEMS MODERNIZATION (ASM)—ENG DEV .....                               | 36,242                 | 36,242                   |
| 94          | 0604710A               | NIGHT VISION SYSTEMS—ENG DEV .....  | 108,504                | 126,004                  |
|             |                        | UFR: Develop Thermal Weapon Sights .....  |                        | [17,500]                 |
| 95          | 0604713A               | COMBAT FEEDING, CLOTHING, AND EQUIPMENT .....                                   | 3,702                  | 3,702                    |
| 96          | 0604715A               | NON-SYSTEM TRAINING DEVICES—ENG DEV .....                                       | 43,575                 | 43,575                   |
| 97          | 0604741A               | AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE—ENG DEV.                          | 28,726                 | 28,726                   |
| 98          | 0604742A               | CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT .....                               | 18,562                 | 18,562                   |
| 99          | 0604746A               | AUTOMATIC TEST EQUIPMENT DEVELOPMENT .....                                      | 8,344                  | 8,344                    |
| 100         | 0604760A               | DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS)—ENG DEV .....                        | 11,270                 | 11,270                   |
| 101         | 0604768A               | BRILLIANT ANTI-ARMOR SUBUNITION (BAT) .....                                     | 10,000                 | 10,000                   |
| 102         | 0604780A               | COMBINED ARMS TACTICAL TRAINER (CATT) CORE .....                                | 18,566                 | 18,566                   |
| 103         | 0604798A               | BRIGADE ANALYSIS, INTEGRATION AND EVALUATION .....                              | 145,360                | 145,360                  |
| 104         | 0604802A               | WEAPONS AND MUNITIONS—ENG DEV .....   | 145,232                | 161,410                  |
|             |                        | UFR: 105mm Anti-Personnel / Wall Breach Ammunition .....                        |                        | [8,000]                  |
|             |                        | UFR: Devops the 40mm Low Velocity M320 Door Breaching cartridge                 |                        | [4,178]                  |
|             |                        | UFR: Testing for the Anti-Tank Confined Space Tandem Warhead .....              |                        | [4,000]                  |
| 105         | 0604804A               | LOGISTICS AND ENGINEER EQUIPMENT—ENG DEV .....                                  | 90,965                 | 90,965                   |
| 106         | 0604805A               | COMMAND, CONTROL, COMMUNICATIONS SYSTEMS—ENG DEV .....                          | 9,910                  | 9,910                    |
| 107         | 0604807A               | MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT—ENG DEV.                  | 39,238                 | 39,238                   |
| 108         | 0604808A               | LANDMINE WARFARE/BARRIER—ENG DEV .....  | 34,684                 | 34,684                   |
| 109         | 0604818A               | ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE.                            | 164,409                | 164,409                  |
| 110         | 0604820A               | RADAR DEVELOPMENT .....   | 32,968                 | 32,968                   |
| 111         | 0604822A               | GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS) .....                           | 49,554                 | 49,554                   |
| 112         | 0604823A               | FIREFINDER .....  | 45,605                 | 45,605                   |
| 113         | 0604827A               | SOLDIER SYSTEMS—WARRIOR DEM/VAL .....   | 16,127                 | 16,127                   |
| 114         | 0604852A               | SUITE OF SURVIVABILITY ENHANCEMENT SYSTEMS—EMD .....                            | 98,600                 | 133,600                  |
|             |                        | UFR: Expands installation of Active Protection Systems .....                    |                        | [25,000]                 |
|             |                        | UFR: Modular Active Protection System .....                                     |                        | [10,000]                 |
| 115         | 0604854A               | ARTILLERY SYSTEMS—EMD .....   | 1,972                  | 3,972                    |
|             |                        | UFR: Funds research for 55 cal tube .....                                       |                        | [2,000]                  |
| 116         | 0605013A               | INFORMATION TECHNOLOGY DEVELOPMENT .....  | 81,776                 | 81,776                   |
| 117         | 0605018A               | INTEGRATED PERSONNEL AND PAY SYSTEM-ARMY (IPPS-A) .....                         | 172,361                | 172,361                  |
| 118         | 0605028A               | ARMORED MULTI-PURPOSE VEHICLE (AMPV) .....                                      | 199,778                | 199,778                  |
| 119         | 0605029A               | INTEGRATED GROUND SECURITY SURVEILLANCE RESPONSE CAPABILITY (IGSSR-C).          | 4,418                  | 4,418                    |
| 120         | 0605030A               | JOINT TACTICAL NETWORK CENTER (JTNC) .....                                      | 15,877                 | 15,877                   |
| 121         | 0605031A               | JOINT TACTICAL NETWORK (JTN) .....  | 44,150                 | 44,150                   |
| 122         | 0605032A               | TRACTOR TIRE .....  | 34,670                 | 113,570                  |
|             |                        | UFR: Develops Offensive Cyber Operations capabilities .....                     |                        | [78,900]                 |
| 123         | 0605033A               | GROUND-BASED OPERATIONAL SURVEILLANCE SYSTEM—EXPEDITIONARY (GBOSS-E).           | 5,207                  | 5,207                    |
| 124         | 0605034A               | TACTICAL SECURITY SYSTEM (TSS) .....  | 4,727                  | 4,727                    |
| 125         | 0605035A               | COMMON INFRARED COUNTERMEASURES (CIRCM) .....                                   | 105,778                | 105,778                  |
| 126         | 0605036A               | COMBATING WEAPONS OF MASS DESTRUCTION (CWMD) .....                              | 6,927                  | 6,927                    |
| 127         | 0605037A               | EVIDENCE COLLECTION AND DETAINEE PROCESSING .....                               | 214                    | 214                      |

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| 128         | 0605038A               | NUCLEAR BIOLOGICAL CHEMICAL RECONNAISSANCE VEHICLE (NBCRV) SENSOR SUITE.                                 | 16,125                 | 16,125                   |
| 129         | 0605041A               | DEFENSIVE CYBER TOOL DEVELOPMENT .....   | 55,165                 | 55,165                   |
| 130         | 0605042A               | TACTICAL NETWORK RADIO SYSTEMS (LOW-TIER) .....  | 20,076                 | 20,076                   |
| 131         | 0605047A               | CONTRACT WRITING SYSTEM .....  | 20,322                 | 22                       |
|             |                        | Consolidate requirements .....   |                        | [-20,300]                |
| 132         | 0605049A               | MISSILE WARNING SYSTEM MODERNIZATION (MWSM) .....  | 55,810                 | 210,810                  |
|             |                        | UFR: Supports Directed Requirement for Limited Interim Missile Warning System to detect Enemy (MANPADS). |                        | [155,000]                |
| 133         | 0605051A               | AIRCRAFT SURVIVABILITY DEVELOPMENT .....   | 30,879                 | 30,879                   |
| 134         | 0605052A               | INDIRECT FIRE PROTECTION CAPABILITY INC 2—BLOCK 1 .....  | 175,069                | 175,069                  |
| 135         | 0605053A               | GROUND ROBOTICS .....  | 70,760                 | 70,760                   |
| 137         | 0605380A               | AMF JOINT TACTICAL RADIO SYSTEM (JTTRS) .....  | 8,965                  | 8,965                    |
| 138         | 0605450A               | JOINT AIR-TO-GROUND MISSILE (JAGM) .....   | 34,626                 | 34,626                   |
| 140         | 0605457A               | ARMY INTEGRATED AIR AND MISSILE DEFENSE (AAMD) .....   | 336,420                | 136,420                  |
|             |                        | Early to need .....  |                        | [-200,000]               |
| 143         | 0605766A               | NATIONAL CAPABILITIES INTEGRATION (MIP) .....  | 6,882                  | 9,382                    |
|             |                        | UFR: Funds development for Remote Ground Terminal .....  |                        | [2,500]                  |
| 144         | 0605812A               | JOINT LIGHT TACTICAL VEHICLE (JLTV) ENGINEERING AND MANUFACTURING DEVELOPMENT PH.                        | 23,467                 | 23,467                   |
| 145         | 0605830A               | AVIATION GROUND SUPPORT EQUIPMENT .....  | 6,930                  | 6,930                    |
| 146         | 0210609A               | PALADIN INTEGRATED MANAGEMENT (PIM) .....  | 6,112                  | 6,112                    |
| 147         | 0303032A               | TROJAN—RH12 .....  | 4,431                  | 4,431                    |
| 150         | 0304270A               | ELECTRONIC WARFARE DEVELOPMENT .....   | 14,616                 | 14,616                   |
| 151         | 1205117A               | TRACTOR BEARS .....  | 17,928                 | 17,928                   |
|             |                        | <b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>  | <b>3,012,840</b>       | <b>3,130,618</b>         |
|             |                        | <b>RDT&amp;E MANAGEMENT SUPPORT</b>  |                        |                          |
| 152         | 0604256A               | THREAT SIMULATOR DEVELOPMENT .....   | 22,862                 | 22,862                   |
| 153         | 0604258A               | TARGET SYSTEMS DEVELOPMENT .....   | 13,902                 | 13,902                   |
| 154         | 0604759A               | MAJOR T&E INVESTMENT .....   | 102,901                | 102,901                  |
| 155         | 0605103A               | RAND ARROYO CENTER .....   | 20,140                 | 20,140                   |
| 156         | 0605301A               | ARMY KWAJALEIN ATOLL .....   | 246,663                | 251,025                  |
|             |                        | UFR: Increases funding for facilities sustainment from 75% to 83% ..                                     |                        | [4,362]                  |
| 157         | 0605326A               | CONCEPTS EXPERIMENTATION PROGRAM .....   | 29,820                 | 29,820                   |
| 159         | 0605601A               | ARMY TEST RANGES AND FACILITIES .....  | 307,588                | 307,588                  |
| 160         | 0605602A               | ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS .....  | 49,242                 | 49,242                   |
| 161         | 0605604A               | SURVIVABILITY/LETHALITY ANALYSIS .....   | 41,843                 | 41,843                   |
| 162         | 0605606A               | AIRCRAFT CERTIFICATION .....   | 4,804                  | 4,804                    |
| 163         | 0605702A               | METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES .....   | 7,238                  | 7,238                    |
| 164         | 0605706A               | MATERIEL SYSTEMS ANALYSIS .....  | 21,890                 | 21,890                   |
| 165         | 0605709A               | EXPLOITATION OF FOREIGN ITEMS .....  | 12,684                 | 12,684                   |
| 166         | 0605712A               | SUPPORT OF OPERATIONAL TESTING .....   | 51,040                 | 51,040                   |
| 167         | 0605716A               | ARMY EVALUATION CENTER .....   | 56,246                 | 56,246                   |
| 168         | 0605718A               | ARMY MODELING & SIM X-CMD COLLABORATION & INTEG .....  | 1,829                  | 1,829                    |
| 169         | 0605801A               | PROGRAMWIDE ACTIVITIES .....   | 55,060                 | 55,060                   |
| 170         | 0605803A               | TECHNICAL INFORMATION ACTIVITIES .....   | 33,934                 | 33,934                   |
| 171         | 0605805A               | MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY  | 43,444                 | 43,444                   |
| 172         | 0605857A               | ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT .....  | 5,087                  | 5,087                    |
| 173         | 0605898A               | ARMY DIRECT REPORT HEADQUARTERS—R&D—MHA .....  | 54,679                 | 54,679                   |
| 174         | 0606001A               | MILITARY GROUND-BASED CREW TECHNOLOGY .....  | 7,916                  | 7,916                    |
| 175         | 0606002A               | RONALD REAGAN BALLISTIC MISSILE DEFENSE TEST SITE .....  | 61,254                 | 61,254                   |
| 176         | 0303260A               | DEFENSE MILITARY DECEPTION INITIATIVE .....  | 1,779                  | 1,779                    |
|             |                        | <b>SUBTOTAL RDT&amp;E MANAGEMENT SUPPORT</b>   | <b>1,253,845</b>       | <b>1,258,207</b>         |
|             |                        | <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>   |                        |                          |
| 178         | 0603778A               | MLRS PRODUCT IMPROVEMENT PROGRAM .....   | 8,929                  | 8,929                    |
| 179         | 0603813A               | TRACTOR PULL .....   | 4,014                  | 4,014                    |
| 180         | 0605024A               | ANTI-TAMPER TECHNOLOGY SUPPORT .....   | 4,094                  | 4,094                    |
| 181         | 0607131A               | WEAPONS AND MUNITIONS PRODUCT IMPROVEMENT PROGRAMS.  | 15,738                 | 15,738                   |
| 182         | 0607133A               | TRACTOR SMOKE .....  | 4,513                  | 4,513                    |
| 183         | 0607134A               | LONG RANGE PRECISION FIRES (LRPF) .....  | 102,014                | 144,745                  |
|             |                        | UFR: Accelerates LRPF procurement from FY25 .....  |                        | [42,731]                 |
| 184         | 0607135A               | APACHE PRODUCT IMPROVEMENT PROGRAM .....   | 59,977                 | 59,977                   |
| 185         | 0607136A               | BLACKHAWK PRODUCT IMPROVEMENT PROGRAM .....  | 34,416                 | 34,416                   |
| 186         | 0607137A               | CHINOOK PRODUCT IMPROVEMENT PROGRAM .....  | 194,567                | 194,567                  |
| 187         | 0607138A               | FIXED WING PRODUCT IMPROVEMENT PROGRAM .....   | 9,981                  | 9,981                    |
| 188         | 0607139A               | IMPROVED TURBINE ENGINE PROGRAM .....  | 204,304                | 204,304                  |
| 189         | 0607140A               | EMERGING TECHNOLOGIES FROM NIE .....   | 1,023                  | 1,023                    |
| 190         | 0607141A               | LOGISTICS AUTOMATION .....   | 1,504                  | 1,504                    |
| 191         | 0607142A               | AVIATION ROCKET SYSTEM PRODUCT IMPROVEMENT AND DEVELOPMENT.  | 10,064                 | 18,064                   |
|             |                        | UFR: Qualifies M282 for use by AH-64 aircraft .....  |                        | [8,000]                  |
| 192         | 0607143A               | UNMANNED AIRCRAFT SYSTEM UNIVERSAL PRODUCTS .....  | 38,463                 | 38,463                   |
| 193         | 0607665A               | FAMILY OF BIOMETRICS .....   | 6,159                  | 6,159                    |
| 194         | 0607865A               | PATRIOT PRODUCT IMPROVEMENT .....  | 90,217                 | 180,217                  |

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|             |                        | UFR: Funds Terminal High Altitude Area Defense (THAAD)/Missile Segment Enhanced (MSE) integration. |                        | [90,000]                 |
| 195         | 0202429A               | AEROSTAT JOINT PROJECT—COCOM EXERCISE .....  | 6,749                  | 6,749                    |
| 196         | 0203728A               | JOINT AUTOMATED DEEP OPERATION COORDINATION SYSTEM (JADOCs).                                       | 33,520                 | 33,520                   |
| 197         | 0203735A               | COMBAT VEHICLE IMPROVEMENT PROGRAMS .....  | 343,175                | 351,175                  |
|             |                        | Laser warning sensor suite .....   |                        | [4,000]                  |
|             |                        | UFR: Accelerate the development of the M88A2E1 .....   |                        | [4,000]                  |
| 198         | 0203740A               | MANEUVER CONTROL SYSTEM .....  | 6,639                  | 6,639                    |
| 199         | 0203743A               | 155MM SELF-PROPELLED HOWITZER IMPROVEMENTS .....   | 40,784                 | 40,784                   |
| 200         | 0203744A               | AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS.   | 39,358                 | 39,358                   |
| 201         | 0203752A               | AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....  | 145                    | 145                      |
| 202         | 0203758A               | DIGITIZATION .....   | 4,803                  | 4,803                    |
| 203         | 0203801A               | MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....  | 2,723                  | 28,723                   |
|             |                        | UFR: Supports research for the Stinger Product Improvement Program (PIP).                          |                        | [26,000]                 |
| 204         | 0203802A               | OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS .....   | 5,000                  | 5,000                    |
| 205         | 0203808A               | TRACTOR CARD .....   | 37,883                 | 37,883                   |
| 207         | 0205410A               | MATERIALS HANDLING EQUIPMENT .....   | 1,582                  | 1,582                    |
| 208         | 0205412A               | ENVIRONMENTAL QUALITY TECHNOLOGY—OPERATIONAL SYSTEM DEV.   | 195                    | 195                      |
| 209         | 0205456A               | LOWER TIER AIR AND MISSILE DEFENSE (AMD) SYSTEM .....  | 78,926                 | 78,926                   |
| 210         | 0205778A               | GUIDED MULTIPLE-LAUNCH ROCKET SYSTEM (GMLRS) .....   | 102,807                | 102,807                  |
| 213         | 0303028A               | SECURITY AND INTELLIGENCE ACTIVITIES .....   | 13,807                 | 35,652                   |
|             |                        | UFR: Funds Offensive Cyber capabilities development .....  |                        | [21,845]                 |
| 214         | 0303140A               | INFORMATION SYSTEMS SECURITY PROGRAM .....   | 132,438                | 132,438                  |
| 215         | 0303141A               | GLOBAL COMBAT SUPPORT SYSTEM .....   | 64,370                 | 64,370                   |
| 217         | 0303150A               | WWJCCS/GLOBAL COMMAND AND CONTROL SYSTEM .....   | 10,475                 | 10,475                   |
| 220         | 0305172A               | COMBINED ADVANCED APPLICATIONS .....   | 1,100                  | 1,100                    |
| 222         | 0305204A               | TACTICAL UNMANNED AERIAL VEHICLES .....  | 9,433                  | 9,433                    |
| 223         | 0305206A               | AIRBORNE RECONNAISSANCE SYSTEMS .....  | 5,080                  | 5,080                    |
| 224         | 0305208A               | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....  | 24,700                 | 4,700                    |
|             |                        | Change in tactical requirements .....  |                        | [-20,000]                |
| 225         | 0305219A               | MQ-1C GRAY EAGLE UAS .....   | 9,574                  | 9,574                    |
| 226         | 0305232A               | RQ-11 UAV .....  | 2,191                  | 2,191                    |
| 227         | 0305233A               | RQ-7 UAV .....   | 12,773                 | 12,773                   |
| 228         | 0307665A               | BIOMETRICS ENABLED INTELLIGENCE .....  | 2,537                  | 2,537                    |
| 229         | 0310349A               | WIN-T INCREMENT 2—INITIAL NETWORKING .....   | 4,723                  | 723                      |
|             |                        | Change in tactical requirements .....  |                        | [-4,000]                 |
| 230         | 0708045A               | END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES .....  | 60,877                 | 60,877                   |
| 231         | 1203142A               | SATCOM GROUND ENVIRONMENT (SPACE) .....  | 11,959                 | 11,959                   |
| 232         | 1208053A               | JOINT TACTICAL GROUND SYSTEM .....   | 10,228                 | 10,228                   |
| 234         | 9999999999             | CLASSIFIED PROGRAMS .....  | 7,154                  | 7,154                    |
|             |                        | <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>  | <b>1,877,685</b>       | <b>2,050,261</b>         |
|             |                        | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY.</b>   | <b>9,425,440</b>       | <b>9,906,352</b>         |
|             |                        | <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY</b>  |                        |                          |
|             |                        | <b>BASIC RESEARCH</b>  |                        |                          |
| 1           | 0601103N               | UNIVERSITY RESEARCH INITIATIVES .....  | 118,130                | 123,130                  |
|             |                        | Program increase .....   |                        | [5,000]                  |
| 2           | 0601152N               | IN-HOUSE LABORATORY INDEPENDENT RESEARCH .....   | 19,438                 | 19,438                   |
| 3           | 0601153N               | DEFENSE RESEARCH SCIENCES .....  | 458,333                | 458,333                  |
|             |                        | <b>SUBTOTAL BASIC RESEARCH .....</b>   | <b>595,901</b>         | <b>600,901</b>           |
|             |                        | <b>APPLIED RESEARCH</b>  |                        |                          |
| 4           | 0602114N               | POWER PROJECTION APPLIED RESEARCH .....  | 13,553                 | 13,553                   |
| 5           | 0602123N               | FORCE PROTECTION APPLIED RESEARCH .....  | 125,557                | 125,557                  |
| 6           | 0602131M               | MARINE CORPS LANDING FORCE TECHNOLOGY .....  | 53,936                 | 53,936                   |
| 7           | 0602235N               | COMMON PICTURE APPLIED RESEARCH .....  | 36,450                 | 36,450                   |
| 8           | 0602236N               | WARFIGHTER SUSTAINMENT APPLIED RESEARCH .....  | 48,649                 | 48,649                   |
| 9           | 0602271N               | ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH .....   | 79,598                 | 79,598                   |
| 10          | 0602435N               | OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH .....   | 42,411                 | 57,411                   |
|             |                        | Research vessel refit .....  |                        | [15,000]                 |
| 11          | 0602651M               | JOINT NON-LETHAL WEAPONS APPLIED RESEARCH .....  | 6,425                  | 6,425                    |
| 12          | 0602747N               | UNDERSEA WARFARE APPLIED RESEARCH .....  | 56,094                 | 81,094                   |
|             |                        | Program increase .....   |                        | [25,000]                 |
| 13          | 0602750N               | FUTURE NAVAL CAPABILITIES APPLIED RESEARCH .....   | 156,805                | 156,805                  |
| 14          | 0602782N               | MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH .....  | 32,733                 | 32,733                   |
| 15          | 0602792N               | INNOVATIVE NAVAL PROTOTYPES (INP) APPLIED RESEARCH .....   | 171,146                | 161,146                  |
|             |                        | General decrease .....   |                        | [-10,000]                |
| 16          | 0602861N               | SCIENCE AND TECHNOLOGY MANAGEMENT—ONR FIELD ACTIVITIES.  | 62,722                 | 62,722                   |
|             |                        | <b>SUBTOTAL APPLIED RESEARCH .....</b>   | <b>886,079</b>         | <b>916,079</b>           |
|             |                        | <b>ADVANCED TECHNOLOGY DEVELOPMENT</b>   |                        |                          |

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| 19   | 0603123N               | FORCE PROTECTION ADVANCED TECHNOLOGY .....   | 26,342                 | 26,342                   |
| 20   | 0603271N               | ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY .....  | 9,360                  | 9,360                    |
| 21   | 0603640M               | USMC ADVANCED TECHNOLOGY DEMONSTRATION (ATD) .....   | 154,407                | 149,407                  |
|  |                        | <i>Futures directorate</i> .....   |                        | [-5,000]                 |
| 22   | 0603651M               | JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT .....  | 13,448                 | 13,448                   |
| 23   | 0603673N               | FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT.<br><i>Capable manpower, enterprise and platform enablers</i> .....          | 231,772                | 226,772                  |
|  |                        |  |                        | [-5,000]                 |
| 24   | 0603680N               | MANUFACTURING TECHNOLOGY PROGRAM .....   | 57,797                 | 57,797                   |
| 25   | 0603729N               | WARFIGHTER PROTECTION ADVANCED TECHNOLOGY .....  | 4,878                  | 4,878                    |
| 27   | 0603758N               | NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS .....  | 64,889                 | 64,889                   |
| 28   | 0603782N               | MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY.<br><i>Maritime intelligence, surveillance, and reconnaissance technology</i> ..... | 15,164                 | 30,164                   |
|  |                        |  |                        | [15,000]                 |
| 29   | 0603801N               | INNOVATIVE NAVAL PROTOTYPES (INP) ADVANCED TECHNOLOGY DEVELOPMENT.<br><i>Underwater unmanned vehicle prototypes</i> .....              | 108,285                | 123,285                  |
|  |                        |  |                        | [15,000]                 |
|  |                        | <b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ...</b>  | <b>686,342</b>         | <b>706,342</b>           |
| <b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b> |                        |  |                        |                          |
| 30   | 0603207N               | AIR/OCEAN TACTICAL APPLICATIONS .....  | 48,365                 | 48,365                   |
| 31   | 0603216N               | AVIATION SURVIVABILITY .....   | 5,566                  | 5,566                    |
| 33   | 0603251N               | AIRCRAFT SYSTEMS .....   | 695                    | 695                      |
| 34   | 0603254N               | ASW SYSTEMS DEVELOPMENT .....  | 7,661                  | 7,661                    |
| 35   | 0603261N               | TACTICAL AIRBORNE RECONNAISSANCE .....   | 3,707                  | 3,707                    |
| 36   | 0603382N               | ADVANCED COMBAT SYSTEMS TECHNOLOGY .....   | 61,381                 | 61,381                   |
| 37   | 0603502N               | SURFACE AND SHALLOW WATER MINE COUNTERMEASURES .....   | 154,117                | 128,117                  |
|  |                        | <i>PLUS experimentation</i> .....  |                        | [10,000]                 |
|  |                        | <i>Reduce Barracuda</i> .....  |                        | [-16,000]                |
|  |                        | <i>Reduce Snakehead</i> .....  |                        | [-20,000]                |
| 38   | 0603506N               | SURFACE SHIP TORPEDO DEFENSE .....   | 14,974                 | 14,974                   |
| 39   | 0603512N               | CARRIER SYSTEMS DEVELOPMENT .....  | 9,296                  | 9,296                    |
| 40   | 0603525N               | PILOT FISH .....   | 132,083                | 132,083                  |
| 41   | 0603527N               | RETRACT LARCH .....  | 15,407                 | 15,407                   |
| 42   | 0603536N               | RETRACT JUNIPER .....  | 122,413                | 122,413                  |
| 43   | 0603542N               | RADIOLOGICAL CONTROL .....   | 745                    | 745                      |
| 44   | 0603553N               | SURFACE ASW .....  | 1,136                  | 1,136                    |
| 45   | 0603561N               | ADVANCED SUBMARINE SYSTEM DEVELOPMENT .....  | 100,955                | 100,955                  |
| 46   | 0603562N               | SUBMARINE TACTICAL WARFARE SYSTEMS .....   | 13,834                 | 13,834                   |
| 47   | 0603563N               | SHIP CONCEPT ADVANCED DESIGN .....   | 36,891                 | 36,891                   |
| 48   | 0603564N               | SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES .....  | 12,012                 | 42,012                   |
|  |                        | <i>Aircraft carrier preliminary design</i> .....   |                        | [30,000]                 |
| 49   | 0603570N               | ADVANCED NUCLEAR POWER SYSTEMS .....   | 329,500                | 329,500                  |
| 50   | 0603573N               | ADVANCED SURFACE MACHINERY SYSTEMS .....   | 29,953                 | 29,953                   |
| 51   | 0603576N               | CHALK EAGLE .....  | 191,610                | 191,610                  |
| 52   | 0603581N               | LITTORAL COMBAT SHIP (LCS) .....   | 40,991                 | 33,991                   |
|  |                        | <i>Excess program support</i> .....  |                        | [-7,000]                 |
| 53   | 0603582N               | COMBAT SYSTEM INTEGRATION .....  | 24,674                 | 24,674                   |
| 54   | 0603595N               | OHIO REPLACEMENT .....   | 776,158                | 776,158                  |
| 55   | 0603596N               | LCS MISSION MODULES .....  | 116,871                | 116,871                  |
| 56   | 0603597N               | AUTOMATED TEST AND ANALYSIS .....  | 8,052                  | 8,052                    |
| 57   | 0603599N               | FRIGATE DEVELOPMENT .....  | 143,450                | 143,450                  |
| 58   | 0603609N               | CONVENTIONAL MUNITIONS .....   | 8,909                  | 8,909                    |
| 60   | 0603635M               | MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM .....  | 1,428                  | 1,428                    |
| 61   | 0603654N               | JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....   | 53,367                 | 53,367                   |
| 63   | 0603713N               | OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT .....   | 8,212                  | 8,212                    |
| 64   | 0603721N               | ENVIRONMENTAL PROTECTION .....   | 20,214                 | 20,214                   |
| 65   | 0603724N               | NAVY ENERGY PROGRAM .....  | 50,623                 | 50,623                   |
| 66   | 0603725N               | FACILITIES IMPROVEMENT .....   | 2,837                  | 2,837                    |
| 67   | 0603734N               | CHALK CORAL .....  | 245,143                | 245,143                  |
| 68   | 0603739N               | NAVY LOGISTIC PRODUCTIVITY .....   | 2,995                  | 2,995                    |
| 69   | 0603746N               | RETRACT MAPLE .....  | 306,101                | 306,101                  |
| 70   | 0603748N               | LINK PLUMERIA .....  | 253,675                | 253,675                  |
| 71   | 0603751N               | RETRACT ELM .....  | 55,691                 | 55,691                   |
| 72   | 0603764N               | LINK EVERGREEN .....   | 48,982                 | 48,982                   |
| 74   | 0603790N               | NATO RESEARCH AND DEVELOPMENT .....  | 9,099                  | 9,099                    |
| 75   | 0603795N               | LAND ATTACK TECHNOLOGY .....   | 33,568                 | 33,568                   |
| 76   | 0603851M               | JOINT NON-LETHAL WEAPONS TESTING .....   | 29,873                 | 29,873                   |
| 77   | 0603860N               | JOINT PRECISION APPROACH AND LANDING SYSTEMS—DEVAL.<br><i>VAL.</i>   | 106,391                | 106,391                  |
| 78   | 0603925N               | DIRECTED ENERGY AND ELECTRIC WEAPON SYSTEMS .....  | 107,310                | 107,310                  |
| 79   | 0604112N               | GERALD R. FORD CLASS NUCLEAR AIRCRAFT CARRIER (CVN 78—80).   | 83,935                 | 83,935                   |
| 81   | 0604272N               | TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES (TADIRCM).   | 46,844                 | 46,844                   |
| 83   | 0604286M               | MARINE CORPS ADDITIVE MANUFACTURING TECHNOLOGY DEVELOPMENT.  | 6,200                  | 6,200                    |

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| 85          | 0604320M               | RAPID TECHNOLOGY CAPABILITY PROTOTYPE .....                             | 7,055                  | 17,055                   |
|             |                        | Increase rapid acquisition capability for Marine Corps Warfighting Lab. |                        | [10,000]                 |
| 86          | 0604454N               | LX (R) .....  | 9,578                  | 9,578                    |
| 87          | 0604536N               | ADVANCED UNDERSEA PROTOTYPING .....                                     | 66,543                 | 13,643                   |
|             |                        | Funding early to need .....   |                        | [-52,900]                |
| 89          | 0604659N               | PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM .....                      | 31,315                 | 31,315                   |
| 90          | 0604707N               | SPACE AND ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINEERING SUPPORT.    | 42,851                 | 42,851                   |
| 91          | 0604786N               | OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT                       | 160,694                | 160,694                  |
| 93          | 0303354N               | ASW SYSTEMS DEVELOPMENT—MIP .....                                       | 8,278                  | 8,278                    |
| 94          | 0304240M               | ADVANCED TACTICAL UNMANNED AIRCRAFT SYSTEM .....                        | 7,979                  | 7,979                    |
| 95          | 0304270N               | ELECTRONIC WARFARE DEVELOPMENT—MIP .....                                | 527                    | 527                      |
|             |                        | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>         | <b>4,218,714</b>       | <b>4,172,814</b>         |
|             |                        | <b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>                           |                        |                          |
| 96          | 0603208N               | TRAINING SYSTEM AIRCRAFT .....  | 16,945                 | 16,945                   |
| 97          | 0604212N               | OTHER HELO DEVELOPMENT .....  | 26,786                 | 26,786                   |
| 98          | 0604214N               | AV-8B AIRCRAFT—ENG DEV .....  | 48,780                 | 48,780                   |
| 99          | 0604215N               | STANDARDS DEVELOPMENT .....   | 2,722                  | 2,722                    |
| 100         | 0604216N               | MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT .....                      | 5,371                  | 5,371                    |
| 101         | 0604218N               | AIR/OCEAN EQUIPMENT ENGINEERING .....                                   | 782                    | 782                      |
| 102         | 0604221N               | P-3 MODERNIZATION PROGRAM .....   | 1,361                  | 1,361                    |
| 103         | 0604230N               | WARFARE SUPPORT SYSTEM .....  | 14,167                 | 14,167                   |
| 104         | 0604231N               | TACTICAL COMMAND SYSTEM .....   | 55,695                 | 55,695                   |
| 105         | 0604234N               | ADVANCED HAWKEYE .....  | 292,535                | 292,535                  |
| 106         | 0604245N               | H-1 UPGRADES .....  | 61,288                 | 61,288                   |
| 107         | 0604261N               | ACOUSTIC SEARCH SENSORS .....   | 37,167                 | 37,167                   |
| 108         | 0604262N               | V-22A .....   | 171,386                | 186,386                  |
|             |                        | UFR: MV-22 Common Configuration CC-RAM improvements .....               |                        | [15,000]                 |
| 109         | 0604264N               | AIR CREW SYSTEMS DEVELOPMENT .....                                      | 13,235                 | 33,235                   |
|             |                        | Physiological Episode prize competition .....                           |                        | [10,000]                 |
|             |                        | Physiological episodes .....  |                        | [10,000]                 |
| 110         | 0604269N               | EA-18 .....   | 173,488                | 173,488                  |
| 111         | 0604270N               | ELECTRONIC WARFARE DEVELOPMENT .....                                    | 54,055                 | 57,055                   |
|             |                        | UFR: Intrepid Tiger UH-1Y Jettison Capability .....                     |                        | [3,000]                  |
| 112         | 0604273N               | EXECUTIVE HELO DEVELOPMENT .....  | 451,938                | 451,938                  |
| 113         | 0604274N               | NEXT GENERATION JAMMER (NGJ) .....                                      | 632,936                | 632,936                  |
| 114         | 0604280N               | JOINT TACTICAL RADIO SYSTEM—NAVY (JTRS-NAVY) .....                      | 4,310                  | 4,310                    |
| 115         | 0604282N               | NEXT GENERATION JAMMER (NGJ) INCREMENT II .....                         | 66,686                 | 66,686                   |
| 116         | 0604307N               | SURFACE COMBATANT COMBAT SYSTEM ENGINEERING .....                       | 390,238                | 390,238                  |
| 117         | 0604311N               | LPD-17 CLASS SYSTEMS INTEGRATION .....                                  | 689                    | 689                      |
| 118         | 0604329N               | SMALL DIAMETER BOMB (SDB) .....   | 112,846                | 112,846                  |
| 119         | 0604366N               | STANDARD MISSILE IMPROVEMENTS .....                                     | 158,578                | 158,578                  |
| 120         | 0604373N               | AIRBORNE MCM .....  | 15,734                 | 15,734                   |
| 122         | 0604378N               | NAVAL INTEGRATED FIRE CONTROL—COUNTER AIR SYSTEMS ENGINEERING.          | 25,445                 | 25,445                   |
| 124         | 0604501N               | ADVANCED ABOVE WATER SENSORS .....                                      | 87,233                 | 87,233                   |
| 125         | 0604503N               | SSN-688 AND TRIDENT MODERNIZATION .....                                 | 130,981                | 130,981                  |
| 126         | 0604504N               | AIR CONTROL .....   | 75,186                 | 75,186                   |
| 127         | 0604512N               | SHIPBOARD AVIATION SYSTEMS .....  | 177,926                | 177,926                  |
| 128         | 0604518N               | COMBAT INFORMATION CENTER CONVERSION .....                              | 8,062                  | 8,062                    |
| 129         | 0604522N               | AIR AND MISSILE DEFENSE RADAR (AMDR) SYSTEM .....                       | 32,090                 | 32,090                   |
| 130         | 0604558N               | NEW DESIGN SSN .....  | 120,087                | 120,087                  |
| 131         | 0604562N               | SUBMARINE TACTICAL WARFARE SYSTEM .....                                 | 50,850                 | 50,850                   |
| 132         | 0604567N               | SHIP CONTRACT DESIGN/ LIVE FIRE T&E .....                               | 67,166                 | 67,166                   |
| 133         | 0604574N               | NAVY TACTICAL COMPUTER RESOURCES .....                                  | 4,817                  | 4,817                    |
| 134         | 0604580N               | VIRGINIA PAYLOAD MODULE (VPM) .....                                     | 72,861                 | 72,861                   |
| 135         | 0604601N               | MINE DEVELOPMENT .....  | 25,635                 | 25,635                   |
| 136         | 0604610N               | LIGHTWEIGHT TORPEDO DEVELOPMENT .....                                   | 28,076                 | 28,076                   |
| 137         | 0604654N               | JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT .....                      | 7,561                  | 7,561                    |
| 138         | 0604703N               | PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS .....                | 40,828                 | 40,828                   |
| 139         | 0604727N               | JOINT STANDOFF WEAPON SYSTEMS .....                                     | 435                    | 435                      |
| 140         | 0604755N               | SHIP SELF DEFENSE (DETECT & CONTROL) .....                              | 161,713                | 164,713                  |
|             |                        | UFR: Ship C2 Systems for Amphibs .....                                  |                        | [3,000]                  |
| 141         | 0604756N               | SHIP SELF DEFENSE (ENGAGE: HARD KILL) .....                             | 212,412                | 212,412                  |
| 142         | 0604757N               | SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW) .....                          | 103,391                | 103,391                  |
| 143         | 0604761N               | INTELLIGENCE ENGINEERING .....  | 34,855                 | 34,855                   |
| 144         | 0604771N               | MEDICAL DEVELOPMENT .....   | 9,353                  | 9,353                    |
| 145         | 0604777N               | NAVIGATION/ID SYSTEM .....  | 92,546                 | 92,546                   |
| 146         | 0604800M               | JOINT STRIKE FIGHTER (JSF)—EMD .....                                    | 152,934                | 244,134                  |
|             |                        | SDD plus up .....   |                        | [91,200]                 |
| 147         | 0604800N               | JOINT STRIKE FIGHTER (JSF)—EMD .....                                    | 108,931                | 175,631                  |
|             |                        | SDD plus up .....   |                        | [66,700]                 |
| 148         | 0604810M               | JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—MARINE CORPS.        | 144,958                | 144,958                  |
| 149         | 0604810N               | JOINT STRIKE FIGHTER FOLLOW ON MODERNIZATION (FOM)—NAVY.                | 143,855                | 143,855                  |

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| 150         | 0605013M               | INFORMATION TECHNOLOGY DEVELOPMENT .....                                      | 14,865                 | 14,865                   |
| 151         | 0605013N               | INFORMATION TECHNOLOGY DEVELOPMENT .....                                      | 152,977                | 117,932                  |
|             |                        | Navy ePS consolidate requirements .....                                       |                        | [-11,200]                |
|             |                        | NSIPS consolidate requirements .....  |                        | [-23,845]                |
| 152         | 0605024N               | ANTI-TAMPER TECHNOLOGY SUPPORT .....  | 3,410                  | 3,410                    |
| 153         | 0605212N               | CH-53K RDTE .....   | 340,758                | 340,758                  |
| 154         | 0605215N               | MISSION PLANNING .....  | 33,430                 | 33,430                   |
| 155         | 0605217N               | COMMON AVIONICS .....   | 58,163                 | 58,163                   |
| 156         | 0605220N               | SHIP TO SHORE CONNECTOR (SSC) .....   | 22,410                 | 22,410                   |
| 157         | 0605327N               | T-AO 205 CLASS .....  | 1,961                  | 1,961                    |
| 158         | 0605414N               | UNMANNED CARRIER AVIATION (UCA) .....   | 222,208                | 222,208                  |
| 159         | 0605450N               | JOINT AIR-TO-GROUND MISSILE (JAGM) .....                                      | 15,473                 | 15,473                   |
| 160         | 0605500N               | MULTI-MISSION MARITIME AIRCRAFT (MMA) .....                                   | 11,795                 | 11,795                   |
| 161         | 0605504N               | MULTI-MISSION MARITIME (MMA) INCREMENT III .....                              | 181,731                | 181,731                  |
| 162         | 0605611M               | MARINE CORPS ASSAULT VEHICLES SYSTEM DEVELOPMENT & DEMONSTRATION.             | 178,993                | 178,993                  |
| 163         | 0605813M               | JOINT LIGHT TACTICAL VEHICLE (JLTV) SYSTEM DEVELOPMENT & DEMONSTRATION.       | 20,710                 | 20,710                   |
| 164         | 0204202N               | DDG-1000 .....  | 140,500                | 90,500                   |
|             |                        | Unjustified cost growth .....   |                        | [-50,000]                |
| 168         | 0304785N               | TACTICAL CRYPTOLOGIC SYSTEMS .....  | 28,311                 | 28,311                   |
| 170         | 0306250M               | CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....                                 | 4,502                  | 4,502                    |
|             |                        | <b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION.</b>                       | <b>6,362,102</b>       | <b>6,475,957</b>         |
|             |                        | <b>MANAGEMENT SUPPORT</b>   |                        |                          |
| 171         | 0604256N               | THREAT SIMULATOR DEVELOPMENT .....  | 91,819                 | 91,819                   |
| 172         | 0604258N               | TARGET SYSTEMS DEVELOPMENT .....  | 23,053                 | 23,053                   |
| 173         | 0604759N               | MAJOR T&E INVESTMENT .....  | 52,634                 | 65,634                   |
|             |                        | UFR: Critical infrastructure investments for major range and test facilities. |                        | [13,000]                 |
| 174         | 0605126N               | JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION ...                        | 141                    | 141                      |
| 175         | 0605152N               | STUDIES AND ANALYSIS SUPPORT—NAVY .....                                       | 3,917                  | 3,917                    |
| 176         | 0605154N               | CENTER FOR NAVAL ANALYSES .....   | 50,432                 | 50,432                   |
| 179         | 0605804N               | TECHNICAL INFORMATION SERVICES .....  | 782                    | 782                      |
| 180         | 0605853N               | MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT .....                           | 94,562                 | 89,062                   |
|             |                        | Unjustified cost growth .....   |                        | [-5,500]                 |
| 181         | 0605856N               | STRATEGIC TECHNICAL SUPPORT .....   | 4,313                  | 4,313                    |
| 182         | 0605861N               | RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT .....                                 | 1,104                  | 1,104                    |
| 183         | 0605863N               | RDT&E SHIP AND AIRCRAFT SUPPORT .....   | 105,666                | 105,666                  |
| 184         | 0605864N               | TEST AND EVALUATION SUPPORT .....   | 373,667                | 373,667                  |
| 185         | 0605865N               | OPERATIONAL TEST AND EVALUATION CAPABILITY .....                              | 20,298                 | 20,298                   |
| 186         | 0605866N               | NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT .....                         | 17,341                 | 17,341                   |
| 188         | 0605873M               | MARINE CORPS PROGRAM WIDE SUPPORT .....                                       | 21,751                 | 21,751                   |
| 189         | 0605898N               | MANAGEMENT HQ—R&D .....   | 44,279                 | 44,279                   |
| 190         | 0606355N               | WARFARE INNOVATION MANAGEMENT .....   | 28,841                 | 28,841                   |
| 191         | 0902498N               | MANAGEMENT HEADQUARTERS (DEPARTMENTAL SUPPORT ACTIVITIES).                    | 1,749                  | 1,749                    |
| 194         | 1206867N               | SEW SURVEILLANCE/RECONNAISSANCE SUPPORT .....                                 | 9,408                  | 9,408                    |
|             |                        | <b>SUBTOTAL MANAGEMENT SUPPORT</b>  | <b>945,757</b>         | <b>953,257</b>           |
|             |                        | <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>  |                        |                          |
| 196         | 0607658N               | COOPERATIVE ENGAGEMENT CAPABILITY (CEC) .....                                 | 92,571                 | 121,571                  |
|             |                        | UFR: Accelerate Tactical Data Distribution Initiative .....                   |                        | [18,000]                 |
|             |                        | UFR: IFF Mode 5 acceleration .....  |                        | [11,000]                 |
| 197         | 0607700N               | DEPLOYABLE JOINT COMMAND AND CONTROL .....                                    | 3,137                  | 3,137                    |
| 198         | 0101221N               | STRATEGIC SUB & WEAPONS SYSTEM SUPPORT .....                                  | 135,219                | 135,219                  |
| 199         | 0101224N               | SSBN SECURITY TECHNOLOGY PROGRAM .....  | 36,242                 | 36,242                   |
| 200         | 0101226N               | SUBMARINE ACOUSTIC WARFARE DEVELOPMENT .....                                  | 12,053                 | 12,053                   |
| 201         | 0101402N               | NAVY STRATEGIC COMMUNICATIONS .....   | 18,221                 | 18,221                   |
| 203         | 0204136N               | F/A-18 SQUADRONS .....  | 224,470                | 224,470                  |
| 204         | 0204163N               | FLEET TELECOMMUNICATIONS (TACTICAL) .....                                     | 33,525                 | 33,525                   |
| 205         | 0204228N               | SURFACE SUPPORT .....   | 24,829                 | 24,829                   |
| 206         | 0204229N               | TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC).                         | 133,617                | 133,617                  |
| 207         | 0204311N               | INTEGRATED SURVEILLANCE SYSTEM .....  | 38,972                 | 38,972                   |
| 208         | 0204413N               | AMPHIBIOUS TACTICAL SUPPORT UNITS (DISPLACEMENT CRAFT).                       | 3,940                  | 3,940                    |
| 209         | 0204460M               | GROUND/AIR TASK ORIENTED RADAR (G/ATOR) .....                                 | 54,645                 | 54,645                   |
| 210         | 0204571N               | CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT .....                               | 66,518                 | 66,518                   |
| 211         | 0204574N               | CRYPTOLOGIC DIRECT SUPPORT .....  | 1,155                  | 1,155                    |
| 212         | 0204575N               | ELECTRONIC WARFARE (EW) READINESS SUPPORT .....                               | 51,040                 | 51,040                   |
| 213         | 0205601N               | HARM IMPROVEMENT .....  | 87,989                 | 97,989                   |
|             |                        | UFR: Weapons Improvement .....  |                        | [10,000]                 |
| 214         | 0205604N               | TACTICAL DATA LINKS .....   | 89,852                 | 89,852                   |
| 215         | 0205620N               | SURFACE ASW COMBAT SYSTEM INTEGRATION .....                                   | 29,351                 | 29,351                   |
| 216         | 0205632N               | MK-48 ADCAP .....   | 68,553                 | 68,553                   |
| 217         | 0205633N               | AVIATION IMPROVEMENTS .....   | 119,099                | 119,099                  |

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| 218         | 0205675N               | OPERATIONAL NUCLEAR POWER SYSTEMS .....                                | 127,445                | 127,445                  |
| 219         | 0206313M               | MARINE CORPS COMMUNICATIONS SYSTEMS .....                              | 123,825                | 123,825                  |
| 220         | 0206335M               | COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S) ...                 | 7,343                  | 7,343                    |
| 221         | 0206623M               | MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS                     | 66,009                 | 66,009                   |
| 222         | 0206624M               | MARINE CORPS COMBAT SERVICES SUPPORT .....                             | 25,258                 | 25,258                   |
| 223         | 0206625M               | USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP) ...                 | 30,886                 | 30,886                   |
| 224         | 0206629M               | AMPHIBIOUS ASSAULT VEHICLE .....                                       | 58,728                 | 58,728                   |
| 225         | 0207161N               | TACTICAL AIM MISSILES .....  | 42,884                 | 51,884                   |
|             |                        | UFR: Weapons Improvement .....   |                        | [9,000]                  |
| 226         | 0207163N               | ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....                | 25,364                 | 25,364                   |
| 232         | 0303138N               | CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES (CANES).               | 24,271                 | 24,271                   |
| 233         | 0303140N               | INFORMATION SYSTEMS SECURITY PROGRAM .....                             | 50,269                 | 50,269                   |
| 236         | 0305192N               | MILITARY INTELLIGENCE PROGRAM (MIP) ACTIVITIES .....                   | 6,352                  | 6,352                    |
| 237         | 0305204N               | TACTICAL UNMANNED AERIAL VEHICLES .....                                | 7,770                  | 7,770                    |
| 238         | 0305205N               | UAS INTEGRATION AND INTEROPERABILITY .....                             | 39,736                 | 39,736                   |
| 239         | 0305208M               | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....                        | 12,867                 | 12,867                   |
| 240         | 0305208N               | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....                        | 46,150                 | 46,150                   |
| 241         | 0305220N               | MQ-4C TRITON .....   | 84,115                 | 84,115                   |
| 242         | 0305231N               | MQ-8 UAV .....   | 62,656                 | 62,656                   |
| 243         | 0305232M               | RQ-11 UAV .....  | 2,022                  | 2,022                    |
| 245         | 0305234N               | SMALL (LEVEL 0) TACTICAL UAS (STUASLo) .....                           | 4,835                  | 4,835                    |
| 246         | 0305239M               | RQ-21A .....   | 8,899                  | 8,899                    |
| 247         | 0305241N               | MULTI-INTELLIGENCE SENSOR DEVELOPMENT .....                            | 99,020                 | 99,020                   |
| 248         | 0305242M               | UNMANNED AERIAL SYSTEMS (UAS) PAYLOADS (MIP) .....                     | 18,578                 | 18,578                   |
| 249         | 0305421N               | RQ-4 MODERNIZATION .....   | 229,404                | 229,404                  |
| 250         | 0308601N               | MODELING AND SIMULATION SUPPORT .....                                  | 5,238                  | 5,238                    |
| 251         | 0702207N               | DEPOT MAINTENANCE (NON-IE) .....                                       | 38,227                 | 38,227                   |
| 252         | 0708730N               | MARITIME TECHNOLOGY (MARITECH) .....                                   | 4,808                  | 4,808                    |
| 253         | 1203109N               | SATELLITE COMMUNICATIONS (SPACE) .....                                 | 37,836                 | 37,836                   |
| 255         | 999999999              | CLASSIFIED PROGRAMS .....  | 1,364,347              | 1,564,347                |
|             |                        | Classified project 0428 .....  |                        | [200,000]                |
|             |                        | <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT</b> .....                  | <b>3,980,140</b>       | <b>4,228,140</b>         |
|             |                        | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY.</b>             | <b>17,675,035</b>      | <b>18,053,490</b>        |
|             |                        | <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF</b>                      |                        |                          |
|             |                        | <b>BASIC RESEARCH</b>  |                        |                          |
| 1           | 0601102F               | DEFENSE RESEARCH SCIENCES .....  | 342,919                | 342,919                  |
| 2           | 0601103F               | UNIVERSITY RESEARCH INITIATIVES .....                                  | 147,923                | 147,923                  |
| 3           | 0601108F               | HIGH ENERGY LASER RESEARCH INITIATIVES .....                           | 14,417                 | 14,417                   |
|             |                        | <b>SUBTOTAL BASIC RESEARCH</b> .....                                   | <b>505,259</b>         | <b>505,259</b>           |
|             |                        | <b>APPLIED RESEARCH</b>  |                        |                          |
| 4           | 0602102F               | MATERIALS .....  | 124,264                | 124,264                  |
| 5           | 0602201F               | AEROSPACE VEHICLE TECHNOLOGIES .....                                   | 124,678                | 129,678                  |
|             |                        | Hypersonic wind tunnels .....  |                        | [5,000]                  |
| 6           | 0602202F               | HUMAN EFFECTIVENESS APPLIED RESEARCH .....                             | 108,784                | 133,784                  |
|             |                        | Advanced training environments .....                                   |                        | [25,000]                 |
| 7           | 0602203F               | AEROSPACE PROPULSION .....   | 192,695                | 200,695                  |
|             |                        | Program increase .....   |                        | [5,500]                  |
|             |                        | UFR: S&T TOA to 1.9% .....   |                        | [2,500]                  |
| 8           | 0602204F               | AEROSPACE SENSORS .....  | 152,782                | 152,782                  |
| 9           | 0602298F               | SCIENCE AND TECHNOLOGY MANAGEMENT— MAJOR HEAD-<br>QUARTERS ACTIVITIES. | 8,353                  | 8,353                    |
| 10          | 0602601F               | SPACE TECHNOLOGY .....   | 116,503                | 116,503                  |
| 11          | 0602602F               | CONVENTIONAL MUNITIONS .....   | 112,195                | 112,195                  |
| 12          | 0602605F               | DIRECTED ENERGY TECHNOLOGY .....                                       | 132,993                | 141,293                  |
|             |                        | UFR: S&T TOA to 1.9% .....   |                        | [8,300]                  |
| 13          | 0602788F               | DOMINANT INFORMATION SCIENCES AND METHODS .....                        | 167,818                | 167,818                  |
| 14          | 0602890F               | HIGH ENERGY LASER RESEARCH .....                                       | 43,049                 | 43,049                   |
|             |                        | <b>SUBTOTAL APPLIED RESEARCH</b> .....                                 | <b>1,284,114</b>       | <b>1,330,414</b>         |
|             |                        | <b>ADVANCED TECHNOLOGY DEVELOPMENT</b>                                 |                        |                          |
| 15          | 0603112F               | ADVANCED MATERIALS FOR WEAPON SYSTEMS .....                            | 37,856                 | 37,856                   |
| 16          | 0603199F               | SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T) .....                         | 22,811                 | 22,811                   |
| 17          | 0603203F               | ADVANCED AEROSPACE SENSORS .....                                       | 40,978                 | 40,978                   |
| 18          | 0603211F               | AEROSPACE TECHNOLOGY DEV/DEMO .....                                    | 115,966                | 121,666                  |
|             |                        | UFR: S&T TOA to 1.9% .....   |                        | [5,700]                  |
| 19          | 0603216F               | AEROSPACE PROPULSION AND POWER TECHNOLOGY .....                        | 104,499                | 117,999                  |
|             |                        | UFR: S&T TOA to 1.9% .....   |                        | [13,500]                 |
| 20          | 0603270F               | ELECTRONIC COMBAT TECHNOLOGY .....                                     | 60,551                 | 65,551                   |
|             |                        | Software engineering capabilities .....                                |                        | [5,000]                  |
| 21          | 0603401F               | ADVANCED SPACECRAFT TECHNOLOGY .....                                   | 58,910                 | 73,910                   |
|             |                        | UFR: Commercial SSA consortia/testbed .....                            |                        | [15,000]                 |
| 22          | 0603444F               | MAUI SPACE SURVEILLANCE SYSTEM (MSSS) .....                            | 10,433                 | 10,433                   |
| 23          | 0603456F               | HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOP-<br>MENT.              | 33,635                 | 33,635                   |

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
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|-------------|------------------------|---|------------------------|--------------------------|
| 24          | 0603601F               | CONVENTIONAL WEAPONS TECHNOLOGY .....                           | 167,415                | 167,415                  |
| 25          | 0603605F               | ADVANCED WEAPONS TECHNOLOGY .....                               | 45,502                 | 45,502                   |
| 26          | 0603680F               | MANUFACTURING TECHNOLOGY PROGRAM .....                          | 46,450                 | 46,450                   |
| 27          | 0603788F               | BATTLESPACE KNOWLEDGE DEVELOPMENT AND DEMONSTRATION.            | 49,011                 | 49,011                   |
|             |                        | <b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ...</b>             | <b>794,017</b>         | <b>833,217</b>           |
|             |                        | <b>ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b>          |                        |                          |
| 28          | 0603260F               | INTELLIGENCE ADVANCED DEVELOPMENT .....                         | 5,652                  | 5,652                    |
| 30          | 0603742F               | COMBAT IDENTIFICATION TECHNOLOGY .....                          | 24,397                 | 24,397                   |
| 31          | 0603790F               | NATO RESEARCH AND DEVELOPMENT .....                             | 3,851                  | 3,851                    |
| 33          | 0603851F               | INTERCONTINENTAL BALLISTIC MISSILE—DEM/VAL .....                | 10,736                 | 10,736                   |
| 34          | 0603859F               | POLLUTION PREVENTION—DEM/VAL .....                              | 2                      | 2                        |
| 35          | 0604015F               | LONG RANGE STRIKE—BOMBER .....                                  | 2,003,580              | 2,003,580                |
| 36          | 0604201F               | INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....              | 65,458                 | 100,858                  |
|             |                        | UFR: GPS Receiver Development .....                             |                        | [35,400]                 |
| 37          | 0604257F               | ADVANCED TECHNOLOGY AND SENSORS .....                           | 68,719                 | 83,419                   |
|             |                        | UFR: Hyperspectral Chip Development .....                       |                        | [14,700]                 |
| 38          | 0604288F               | NATIONAL AIRBORNE OPS CENTER (NAOC) RECAP .....                 | 7,850                  | 7,850                    |
| 39          | 0604317F               | TECHNOLOGY TRANSFER .....                                       | 3,295                  | 3,295                    |
| 40          | 0604327F               | HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM (HDBTDS) PROGRAM.   | 17,365                 | 17,365                   |
| 41          | 0604414F               | CYBER RESILIENCY OF WEAPON SYSTEMS-ACS .....                    | 32,253                 | 42,453                   |
|             |                        | UFR: Cyber Security & Resiliency for Weapon Systems .....       |                        | [10,200]                 |
| 44          | 0604776F               | DEPLOYMENT & DISTRIBUTION ENTERPRISE R&D .....                  | 26,222                 | 26,222                   |
| 46          | 0604858F               | TECH TRANSITION PROGRAM .....                                   | 840,650                | 935,650                  |
|             |                        | UFR: Directed Energy Prototyping .....                          |                        | [70,000]                 |
|             |                        | UFR: Hypersonics Prototyping .....                              |                        | [10,000]                 |
|             |                        | UFR: Long-Endurance Aerial Platform Ahead Prototyping .....     |                        | [15,000]                 |
| 47          | 0605230F               | GROUND BASED STRATEGIC DETERRENT .....                          | 215,721                | 215,721                  |
| 49          | 0207110F               | NEXT GENERATION AIR DOMINANCE .....                             | 294,746                | 441,746                  |
|             |                        | UFR: Penetrating Counter air (PCA) Risk Reduction .....         |                        | [147,000]                |
| 50          | 0207455F               | THREE DIMENSIONAL LONG-RANGE RADAR (3DELRR) .....               | 10,645                 | 10,645                   |
| 52          | 0305236F               | COMMON DATA LINK EXECUTIVE AGENT (CDL EA) .....                 | 41,509                 | 41,509                   |
| 53          | 0306250F               | CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....                   | 226,287                | 226,287                  |
| 54          | 0306415F               | ENABLED CYBER ACTIVITIES .....                                  | 16,687                 | 16,687                   |
| 55          | 0408011F               | SPECIAL TACTICS / COMBAT CONTROL .....                          | 4,500                  | 4,500                    |
| 56          | 0901410F               | CONTRACTING INFORMATION TECHNOLOGY SYSTEM .....                 | 15,867                 | 0                        |
|             |                        | Consolidate requirements .....                                  |                        | [-15,867]                |
| 57          | 1203164F               | NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE).     | 253,939                | 352,439                  |
|             |                        | UFR: Military GPS User Equipment INC2 .....                     |                        | [98,500]                 |
| 58          | 1203710F               | EO/IR WEATHER SYSTEMS .....                                     | 10,000                 | 10,000                   |
| 59          | 1206422F               | WEATHER SYSTEM FOLLOW-ON .....                                  | 112,088                | 112,088                  |
| 60          | 1206425F               | SPACE SITUATION AWARENESS SYSTEMS .....                         | 34,764                 | 34,764                   |
| 61          | 1206434F               | MIDTERM POLAR MILSATCOM SYSTEM .....                            | 63,092                 | 63,092                   |
| 62          | 1206438F               | SPACE CONTROL TECHNOLOGY .....                                  | 7,842                  | 128,642                  |
|             |                        | UFR: Space Defense Force Packaging .....                        |                        | [113,800]                |
|             |                        | UFR: Space Enterprise Defense Implementation .....              |                        | [7,000]                  |
| 63          | 1206730F               | SPACE SECURITY AND DEFENSE PROGRAM .....                        | 41,385                 | 41,385                   |
| 64          | 1206760F               | PROTECTED TACTICAL ENTERPRISE SERVICE (PTES) .....              | 18,150                 | 18,150                   |
| 65          | 1206761F               | PROTECTED TACTICAL SERVICE (PTS) .....                          | 24,201                 | 24,201                   |
| 66          | 1206855F               | PROTECTED SATCOM SERVICES (PSCS)—AGGREGATED .....               | 16,000                 | 16,000                   |
| 67          | 1206857F               | OPERATIONALLY RESPONSIVE SPACE .....                            | 87,577                 | 87,577                   |
|             |                        | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp; PROTOTYPES</b> | <b>4,605,030</b>       | <b>5,110,763</b>         |
|             |                        | <b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>                   |                        |                          |
| 68          | 0604200F               | FUTURE ADVANCED WEAPON ANALYSIS & PROGRAMS .....                | 5,100                  | 5,100                    |
| 69          | 0604201F               | INTEGRATED AVIONICS PLANNING AND DEVELOPMENT .....              | 101,203                | 101,203                  |
| 70          | 0604222F               | NUCLEAR WEAPONS SUPPORT .....                                   | 3,009                  | 3,009                    |
| 71          | 0604270F               | ELECTRONIC WARFARE DEVELOPMENT .....                            | 2,241                  | 2,241                    |
| 72          | 0604281F               | TACTICAL DATA NETWORKS ENTERPRISE .....                         | 38,250                 | 38,250                   |
| 73          | 0604287F               | PHYSICAL SECURITY EQUIPMENT .....                               | 19,739                 | 19,739                   |
| 74          | 0604329F               | SMALL DIAMETER BOMB (SDB)—EMD .....                             | 38,979                 | 38,979                   |
| 78          | 0604429F               | AIRBORNE ELECTRONIC ATTACK .....                                | 7,091                  | 7,091                    |
| 80          | 0604602F               | ARMAMENT/ORDNANCE DEVELOPMENT .....                             | 46,540                 | 46,540                   |
| 81          | 0604604F               | SUBMUNITIONS .....  | 2,705                  | 2,705                    |
| 82          | 0604617F               | AGILE COMBAT SUPPORT .....                                      | 31,240                 | 31,240                   |
| 84          | 0604706F               | LIFE SUPPORT SYSTEMS .....                                      | 9,060                  | 9,060                    |
| 85          | 0604735F               | COMBAT TRAINING RANGES .....                                    | 87,350                 | 87,350                   |
| 86          | 0604800F               | F-35—EMD .....  | 292,947                | 464,947                  |
|             |                        | SDD plus up .....   |                        | [172,000]                |
| 88          | 0604932F               | LONG RANGE STANDOFF WEAPON .....                                | 451,290                | 451,290                  |
| 89          | 0604933F               | ICBM FUZE MODERNIZATION .....                                   | 178,991                | 178,991                  |
| 90          | 0605030F               | JOINT TACTICAL NETWORK CENTER (JTNC) .....                      | 12,736                 | 12,736                   |
| 91          | 0605031F               | JOINT TACTICAL NETWORK (JTN) .....                              | 9,319                  | 9,319                    |

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| 92          | 0605213F               | F-22 MODERNIZATION INCREMENT 3.2B .....                                      | 13,600                 | 13,600                   |
| 94          | 0605221F               | KC-46 .....  | 93,845                 | 93,845                   |
| 95          | 0605223F               | ADVANCED PILOT TRAINING .....  | 105,999                | 105,999                  |
| 96          | 0605229F               | COMBAT RESCUE HELICOPTER .....   | 354,485                | 354,485                  |
| 100         | 0605458F               | AIR & SPACE OPS CENTER 10.2 RDT&E .....                                      | 119,745                | 14,945                   |
|             |                        | Restructure of program .....   |                        | [-104,800]               |
| 101         | 0605931F               | B-2 DEFENSIVE MANAGEMENT SYSTEM .....  | 194,570                | 194,570                  |
| 102         | 0101125F               | NUCLEAR WEAPONS MODERNIZATION .....  | 91,237                 | 91,237                   |
| 103         | 0207171F               | F-15 EPAWSS .....  | 209,847                | 209,847                  |
| 104         | 0207328F               | STAND IN ATTACK WEAPON .....   | 3,400                  | 3,400                    |
| 105         | 0207701F               | FULL COMBAT MISSION TRAINING .....   | 16,727                 | 16,727                   |
| 109         | 0307581F               | JSTARS RECAP .....   | 417,201                | 417,201                  |
| 110         | 0401310F               | C-32 EXECUTIVE TRANSPORT RECAPITALIZATION .....                              | 6,017                  | 6,017                    |
| 111         | 0401319F               | PRESIDENTIAL AIRCRAFT RECAPITALIZATION (PAR) .....                           | 434,069                | 434,069                  |
| 112         | 0701212F               | AUTOMATED TEST SYSTEMS .....   | 18,528                 | 18,528                   |
| 113         | 1203176F               | COMBAT SURVIVOR EVADER LOCATOR .....   | 24,967                 | 24,967                   |
| 114         | 1203940F               | SPACE SITUATION AWARENESS OPERATIONS .....                                   | 10,029                 | 10,029                   |
| 115         | 1206421F               | COUNTERSPACE SYSTEMS .....   | 66,370                 | 66,370                   |
| 116         | 1206425F               | SPACE SITUATION AWARENESS SYSTEMS .....                                      | 48,448                 | 48,448                   |
| 117         | 1206426F               | SPACE FENCE .....  | 35,937                 | 62,837                   |
|             |                        | UFR: Space Fence Site 1 & Ground Based Operational Surveillance System ..... |                        | [26,900]                 |
| 118         | 1206431F               | ADVANCED EHF MILSATCOM (SPACE) .....   | 145,610                | 145,610                  |
| 119         | 1206432F               | POLAR MILSATCOM (SPACE) .....  | 33,644                 | 33,644                   |
| 120         | 1206433F               | WIDEBAND GLOBAL SATCOM (SPACE) .....   | 14,263                 | 51,263                   |
|             |                        | UFR: Fix wideband Ka Anti-jam Enhancement (KAJE) .....                       |                        | [37,000]                 |
| 121         | 1206441F               | SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD .....                           | 311,844                | 324,644                  |
|             |                        | UFR: Fix upgrades Space Based Infrared System .....                          |                        | [12,800]                 |
| 122         | 1206442F               | EVOLVED SBIRS .....  | 71,018                 | 71,018                   |
| 123         | 1206853F               | EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)—EMD .....                  | 297,572                | 297,572                  |
|             |                        | <b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b> .....                 | <b>4,476,762</b>       | <b>4,620,662</b>         |
|             |                        | <b>MANAGEMENT SUPPORT</b>  |                        |                          |
| 124         | 0604256F               | THREAT SIMULATOR DEVELOPMENT .....   | 35,405                 | 35,405                   |
| 125         | 0604759F               | MAJOR T&E INVESTMENT .....   | 82,874                 | 102,874                  |
|             |                        | Advanced weapons system testing capabilities .....                           |                        | [15,000]                 |
|             |                        | UFR: Weapon System Cyber Resiliency-TE .....                                 |                        | [5,000]                  |
| 126         | 0605101F               | RAND PROJECT AIR FORCE .....   | 34,346                 | 34,346                   |
| 128         | 0605712F               | INITIAL OPERATIONAL TEST & EVALUATION .....                                  | 15,523                 | 15,523                   |
| 129         | 0605807F               | TEST AND EVALUATION SUPPORT .....  | 678,289                | 705,689                  |
|             |                        | UFR: 4th Gen Mods .....  |                        | [23,000]                 |
|             |                        | UFR: Weapon System Cyber Resiliency-TE .....                                 |                        | [4,400]                  |
| 130         | 0605826F               | ACQ WORKFORCE- GLOBAL POWER .....  | 219,809                | 219,809                  |
| 131         | 0605827F               | ACQ WORKFORCE- GLOBAL VIG & COMBAT SYS .....                                 | 223,179                | 223,179                  |
| 132         | 0605828F               | ACQ WORKFORCE- GLOBAL REACH .....  | 138,556                | 138,556                  |
| 133         | 0605829F               | ACQ WORKFORCE- CYBER, NETWORK, & BUS SYS .....                               | 221,393                | 221,393                  |
| 134         | 0605830F               | ACQ WORKFORCE- GLOBAL BATTLE MGMT .....                                      | 152,577                | 152,577                  |
| 135         | 0605831F               | ACQ WORKFORCE- CAPABILITY INTEGRATION .....                                  | 196,561                | 196,561                  |
| 136         | 0605832F               | ACQ WORKFORCE- ADVANCED PRGM TECHNOLOGY .....                                | 28,322                 | 28,322                   |
| 137         | 0605833F               | ACQ WORKFORCE- NUCLEAR SYSTEMS .....   | 126,611                | 126,611                  |
| 140         | 0605898F               | MANAGEMENT HQ—R&D .....  | 9,154                  | 9,154                    |
| 141         | 0605976F               | FACILITIES RESTORATION AND MODERNIZATION—TEST AND EVALUATION SUPPORT .....   | 135,507                | 135,507                  |
| 142         | 0605978F               | FACILITIES SUSTAINMENT—TEST AND EVALUATION SUPPORT .....                     | 28,720                 | 28,720                   |
| 143         | 0606017F               | REQUIREMENTS ANALYSIS AND MATURATION .....                                   | 35,453                 | 135,453                  |
|             |                        | UFR: Modeling and Simulation Joint Simulation Environment .....              |                        | [70,000]                 |
|             |                        | UFR:AS2030 Planning for Development .....                                    |                        | [30,000]                 |
| 146         | 0308602F               | ENTREPRISE INFORMATION SERVICES (EIS) .....                                  | 29,049                 | 29,049                   |
| 147         | 0702806F               | ACQUISITION AND MANAGEMENT SUPPORT .....                                     | 14,980                 | 14,980                   |
| 148         | 0804731F               | GENERAL SKILL TRAINING .....   | 1,434                  | 1,434                    |
| 150         | 1001004F               | INTERNATIONAL ACTIVITIES .....   | 4,569                  | 4,569                    |
| 151         | 1206116F               | SPACE TEST AND TRAINING RANGE DEVELOPMENT .....                              | 25,773                 | 25,773                   |
| 152         | 1206392F               | SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE .....                      | 169,887                | 169,887                  |
| 153         | 1206398F               | SPACE & MISSILE SYSTEMS CENTER—MHA .....                                     | 9,531                  | 9,531                    |
| 154         | 1206860F               | ROCKET SYSTEMS LAUNCH PROGRAM (SPACE) .....                                  | 20,975                 | 34,275                   |
|             |                        | UFR: Rocket System Launch Program (RSLP) .....                               |                        | [13,300]                 |
| 155         | 1206864F               | SPACE TEST PROGRAM (STP) .....   | 25,398                 | 25,398                   |
|             |                        | <b>SUBTOTAL MANAGEMENT SUPPORT</b> .....                                     | <b>2,663,875</b>       | <b>2,824,575</b>         |
|             |                        | <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>                                       |                        |                          |
| 157         | 0604222F               | NUCLEAR WEAPONS SUPPORT .....  | 27,579                 | 27,579                   |
| 158         | 0604233F               | SPECIALIZED UNDERGRADUATE FLIGHT TRAINING .....                              | 5,776                  | 5,776                    |
| 159         | 0604445F               | WIDE AREA SURVEILLANCE .....   | 16,247                 | 16,247                   |
| 161         | 0605018F               | AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS) .....                       | 21,915                 | 0                        |
|             |                        | Consolidate requirements .....   |                        | [-21,915]                |
| 162         | 0605024F               | ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY .....                                | 33,150                 | 33,150                   |

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| 163         | 0605117F               | FOREIGN MATERIEL ACQUISITION AND EXPLOITATION .....                              | 66,653                 | 66,653                   |
| 164         | 0605278F               | HC/MC-130 RECAP RDT&E .....  | 38,579                 | 38,579                   |
| 165         | 0606018F               | NC3 INTEGRATION .....  | 12,636                 | 12,636                   |
| 166         | 0101113F               | B-52 SQUADRONS .....   | 111,910                | 111,910                  |
| 167         | 0101122F               | AIR-LAUNCHED CRUISE MISSILE (ALCM) .....   | 463                    | 463                      |
| 168         | 0101126F               | B-1B SQUADRONS .....   | 62,471                 | 62,471                   |
| 169         | 0101127F               | B-2 SQUADRONS .....  | 193,108                | 193,108                  |
| 170         | 0101213F               | MINUTEMAN SQUADRONS .....  | 210,845                | 210,845                  |
|             |                        | Requested transfer: Ground and Comms Equipment .....                             |                        | [-20,000]                |
|             |                        | Requested transfer: ICBM Cryptography Upgrade II .....                           |                        | [20,000]                 |
| 171         | 0101313F               | INTEGRATED STRATEGIC PLANNING AND ANALYSIS NETWORK<br>(ISPAN)—USSTRATCOM .....   | 25,736                 | 25,736                   |
| 173         | 0101316F               | WORLDWIDE JOINT STRATEGIC COMMUNICATIONS .....                                   | 6,272                  | 10,272                   |
|             |                        | UFR: NC3—Global Assured Communications CBA Execution .....                       |                        | [4,000]                  |
| 174         | 0101324F               | INTEGRATED STRATEGIC PLANNING & ANALYSIS NETWORK .....                           | 11,032                 | 11,032                   |
| 176         | 0102110F               | UH-1N REPLACEMENT PROGRAM .....  | 108,617                | 108,617                  |
| 177         | 0102326F               | REGION/SECTOR OPERATION CONTROL CENTER MODERNIZA-<br>TION PROGRAM .....          | 3,347                  | 3,347                    |
| 179         | 0205219F               | MQ-9 UAV .....   | 201,394                | 201,394                  |
| 182         | 0207131F               | A-10 SQUADRONS .....   | 17,459                 | 17,459                   |
| 183         | 0207133F               | F-16 SQUADRONS .....   | 246,578                | 271,578                  |
|             |                        | UFR: F-16 MIDS-JTRS .....  |                        | [25,000]                 |
| 184         | 0207134F               | F-15E SQUADRONS .....  | 320,271                | 320,271                  |
| 185         | 0207136F               | MANNED DESTRUCTIVE SUPPRESSION .....   | 15,106                 | 15,106                   |
| 186         | 0207138F               | F-22A SQUADRONS .....  | 610,942                | 610,942                  |
| 187         | 0207142F               | F-35 SQUADRONS .....   | 334,530                | 334,530                  |
| 188         | 0207161F               | TACTICAL AIM MISSILES .....  | 34,952                 | 54,952                   |
|             |                        | Pulsed rocket motor technologies .....   |                        | [20,000]                 |
| 189         | 0207163F               | ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM) .....                          | 61,322                 | 61,322                   |
| 191         | 0207227F               | COMBAT RESCUE—PARARESCUE .....   | 693                    | 693                      |
| 193         | 0207249F               | PRECISION ATTACK SYSTEMS PROCUREMENT .....                                       | 1,714                  | 1,714                    |
| 194         | 0207253F               | COMPASS CALL .....   | 14,040                 | 34,240                   |
|             |                        | UFR: Baseline 3 (BL3) Advanced Radar Countermeasure System .....                 |                        | [20,200]                 |
| 195         | 0207268F               | AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM .....                              | 109,243                | 109,243                  |
| 197         | 0207325F               | JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM) .....                              | 29,932                 | 29,932                   |
| 198         | 0207410F               | AIR & SPACE OPERATIONS CENTER (AOC) .....  | 26,956                 | 26,956                   |
| 199         | 0207412F               | CONTROL AND REPORTING CENTER (CRC) .....   | 2,450                  | 2,450                    |
| 200         | 0207417F               | AIRBORNE WARNING AND CONTROL SYSTEM (AWACS) .....                                | 151,726                | 151,726                  |
| 201         | 0207418F               | TACTICAL AIRBORNE CONTROL SYSTEMS .....  | 3,656                  | 3,656                    |
| 203         | 0207431F               | COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES .....                                  | 13,420                 | 13,420                   |
| 204         | 0207444F               | TACTICAL AIR CONTROL PARTY-MOD .....   | 10,623                 | 10,623                   |
| 205         | 0207448F               | C/ISR TACTICAL DATA LINK .....   | 1,754                  | 1,754                    |
| 206         | 0207452F               | DCAPES .....   | 17,382                 | 17,382                   |
| 207         | 0207573F               | NATIONAL TECHNICAL NUCLEAR FORENSICS .....                                       | 2,307                  | 2,307                    |
| 208         | 0207590F               | SEEK EAGLE .....   | 25,397                 | 25,397                   |
| 209         | 0207601F               | USAF MODELING AND SIMULATION .....   | 10,175                 | 10,175                   |
| 210         | 0207605F               | WARGAMING AND SIMULATION CENTERS .....   | 12,839                 | 12,839                   |
| 211         | 0207697F               | DISTRIBUTED TRAINING AND EXERCISES .....   | 4,190                  | 4,190                    |
| 212         | 0208006F               | MISSION PLANNING SYSTEMS .....   | 85,531                 | 85,531                   |
| 213         | 0208007F               | TACTICAL DECEPTION .....   | 3,761                  | 3,761                    |
| 214         | 0208087F               | AF OFFENSIVE CYBERSPACE OPERATIONS .....   | 35,693                 | 35,693                   |
| 215         | 0208088F               | AF DEFENSIVE CYBERSPACE OPERATIONS .....   | 20,964                 | 20,964                   |
| 218         | 0301017F               | GLOBAL SENSOR INTEGRATED ON NETWORK (GSIN) .....                                 | 3,549                  | 3,549                    |
| 219         | 0301112F               | NUCLEAR PLANNING AND EXECUTION SYSTEM (NPES) .....                               | 4,371                  | 4,371                    |
| 227         | 0301401F               | AIR FORCE SPACE AND CYBER NON-TRADITIONAL ISR FOR<br>BATTLESPACE AWARENESS ..... | 3,721                  | 3,721                    |
| 228         | 0302015F               | E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC) .....                            | 35,467                 | 35,467                   |
| 230         | 0303131F               | MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NET-<br>WORK (MEECN) .....            | 48,841                 | 48,841                   |
|             |                        | Requested transfer: Global ASNT Iner 2 and CVR .....                             |                        | [-21,100]                |
|             |                        | Requested transfer: Global ASNT Increment 1 .....                                |                        | [21,100]                 |
| 231         | 0303140F               | INFORMATION SYSTEMS SECURITY PROGRAM .....                                       | 42,973                 | 42,973                   |
| 232         | 0303141F               | GLOBAL COMBAT SUPPORT SYSTEM .....   | 105                    | 105                      |
| 233         | 0303142F               | GLOBAL FORCE MANAGEMENT—DATA INITIATIVE .....                                    | 2,147                  | 2,147                    |
| 236         | 0304260F               | AIRBORNE SIGINT ENTERPRISE .....   | 121,948                | 121,948                  |
| 237         | 0304310F               | COMMERCIAL ECONOMIC ANALYSIS .....   | 3,544                  | 3,544                    |
| 240         | 0305020F               | CCMD INTELLIGENCE INFORMATION TECHNOLOGY .....                                   | 1,542                  | 1,542                    |
| 241         | 0305099F               | GLOBAL AIR TRAFFIC MANAGEMENT (GATM) .....                                       | 4,453                  | 4,453                    |
| 243         | 0305111F               | WEATHER SERVICE .....  | 26,654                 | 26,654                   |
| 244         | 0305114F               | AIR TRAFFIC CONTROL, APPROACH, AND LANDING SYSTEM<br>(ATCALS) .....              | 6,306                  | 6,306                    |
| 245         | 0305116F               | AERIAL TARGETS .....   | 21,295                 | 21,295                   |
| 248         | 0305128F               | SECURITY AND INVESTIGATIVE ACTIVITIES .....                                      | 415                    | 415                      |
| 250         | 0305146F               | DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES .....                               | 3,867                  | 3,867                    |
| 257         | 0305202F               | DRAGON U-2 .....   | 34,486                 | 34,486                   |
| 259         | 0305206F               | AIRBORNE RECONNAISSANCE SYSTEMS .....  | 4,450                  | 4,450                    |
| 260         | 0305207F               | MANNED RECONNAISSANCE SYSTEMS .....  | 14,269                 | 14,269                   |
| 261         | 0305208F               | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....                                  | 27,501                 | 27,501                   |

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|-------------|------------------------|---|------------------------|--------------------------|
| 262         | 0305220F               | RQ-4 UAV .....  | 214,849                | 214,849                  |
| 263         | 0305221F               | NETWORK-CENTRIC COLLABORATIVE TARGETING .....                           | 18,842                 | 18,842                   |
| 265         | 0305238F               | NATO AGS .....  | 44,729                 | 44,729                   |
| 266         | 0305240F               | SUPPORT TO DCGS ENTERPRISE .....  | 26,349                 | 26,349                   |
| 269         | 0305600F               | INTERNATIONAL INTELLIGENCE TECHNOLOGY AND ARCHITECTURES.                | 3,491                  | 3,491                    |
| 271         | 0305881F               | RAPID CYBER ACQUISITION .....   | 4,899                  | 4,899                    |
| 275         | 0305984F               | PERSONNEL RECOVERY COMMAND & CTRL (PRC2) .....                          | 2,445                  | 2,445                    |
| 276         | 0307577F               | INTELLIGENCE MISSION DATA (IMD) .....                                   | 8,684                  | 8,684                    |
| 278         | 0401115F               | C-130 AIRLIFT SQUADRON .....  | 10,219                 | 10,219                   |
| 279         | 0401119F               | C-5 AIRLIFT SQUADRONS (IF) .....  | 22,758                 | 22,758                   |
| 280         | 0401130F               | C-17 AIRCRAFT (IF) .....  | 34,287                 | 34,287                   |
| 281         | 0401132F               | C-130J PROGRAM .....  | 26,821                 | 20,421                   |
|             |                        | Available prior year funds .....  |                        | [-6,400]                 |
| 282         | 0401134F               | LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM) .....                        | 5,283                  | 5,283                    |
| 283         | 0401218F               | KC-135S .....   | 9,942                  | 9,942                    |
| 284         | 0401219F               | KC-10S .....  | 7,933                  | 7,933                    |
| 285         | 0401314F               | OPERATIONAL SUPPORT AIRLIFT .....                                       | 6,681                  | 6,681                    |
| 286         | 0401318F               | CV-22 .....   | 22,519                 | 36,519                   |
|             |                        | UFR: CV-22 Aircraft Survivability and Availability .....                |                        | [7,000]                  |
|             |                        | UFR: CV-22 Integrated Modula Avionics .....                             |                        | [7,000]                  |
| 287         | 0401840F               | AMC COMMAND AND CONTROL SYSTEM .....                                    | 3,510                  | 3,510                    |
| 288         | 0408011F               | SPECIAL TACTICS / COMBAT CONTROL .....                                  | 8,090                  | 8,090                    |
| 289         | 0702207F               | DEPOT MAINTENANCE (NON-IF) .....  | 1,528                  | 1,528                    |
| 290         | 0708055F               | MAINTENANCE, REPAIR & OVERHAUL SYSTEM .....                             | 31,677                 | 31,677                   |
| 291         | 0708610F               | LOGISTICS INFORMATION TECHNOLOGY (LOGIT) .....                          | 33,344                 | 33,344                   |
| 292         | 0708611F               | SUPPORT SYSTEMS DEVELOPMENT .....                                       | 9,362                  | 9,362                    |
| 293         | 0804743F               | OTHER FLIGHT TRAINING .....   | 2,074                  | 2,074                    |
| 294         | 0808716F               | OTHER PERSONNEL ACTIVITIES .....  | 107                    | 107                      |
| 295         | 0901202F               | JOINT PERSONNEL RECOVERY AGENCY .....                                   | 2,006                  | 2,006                    |
| 296         | 0901218F               | CIVILIAN COMPENSATION PROGRAM .....                                     | 3,780                  | 3,780                    |
| 297         | 0901220F               | PERSONNEL ADMINISTRATION .....  | 7,472                  | 7,472                    |
| 298         | 0901226F               | AIR FORCE STUDIES AND ANALYSIS AGENCY .....                             | 1,563                  | 1,563                    |
| 299         | 0901538F               | FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT.                   | 91,211                 | 91,211                   |
| 300         | 1201921F               | SERVICE SUPPORT TO STRATCOM—SPACE ACTIVITIES .....                      | 14,255                 | 14,255                   |
| 301         | 1202247F               | AF TENCAP .....   | 31,914                 | 31,914                   |
| 302         | 1203001F               | FAMILY OF ADVANCED BLOS TERMINALS (FAB-T) .....                         | 32,426                 | 32,426                   |
| 303         | 1203110F               | SATELLITE CONTROL NETWORK (SPACE) .....                                 | 18,808                 | 18,808                   |
| 305         | 1203165F               | NAVSTAR GLOBAL POSITIONING SYSTEM (SPACE AND CONTROL SEGMENTS).         | 10,029                 | 10,029                   |
| 306         | 1203173F               | SPACE AND MISSILE TEST AND EVALUATION CENTER .....                      | 25,051                 | 65,051                   |
|             |                        | UFR: Space Enterprise Defense Implementation .....                      |                        | [40,000]                 |
| 307         | 1203174F               | SPACE INNOVATION, INTEGRATION AND RAPID TECHNOLOGY DEVELOPMENT.         | 11,390                 | 11,390                   |
| 308         | 1203179F               | INTEGRATED BROADCAST SERVICE (IBS) .....                                | 8,747                  | 8,747                    |
| 309         | 1203182F               | SPACELIFT RANGE SYSTEM (SPACE) .....                                    | 10,549                 | 10,549                   |
| 310         | 1203265F               | GPS III SPACE SEGMENT .....   | 243,435                | 283,735                  |
|             |                        | UFR: GPS satellite simulator (GSS) .....                                |                        | [40,300]                 |
| 311         | 1203400F               | SPACE SUPERIORITY INTELLIGENCE .....                                    | 12,691                 | 12,691                   |
| 312         | 1203614F               | JSPOC MISSION SYSTEM .....  | 99,455                 | 147,955                  |
|             |                        | UFR: Space Enterprise Defense Implementation .....                      |                        | [48,500]                 |
| 313         | 1203620F               | NATIONAL SPACE DEFENSE CENTER .....                                     | 18,052                 | 86,052                   |
|             |                        | UFR: Fix Enterprise Space BMC2 .....                                    |                        | [68,000]                 |
| 314         | 1203699F               | SHARED EARLY WARNING (SEW) .....  | 1,373                  | 1,373                    |
| 315         | 1203906F               | NCMC—TWAA SYSTEM .....  | 5,000                  | 5,000                    |
| 316         | 1203913F               | NUDET DETECTION SYSTEM (SPACE) .....                                    | 31,508                 | 31,508                   |
| 317         | 1203940F               | SPACE SITUATION AWARENESS OPERATIONS .....                              | 99,984                 | 140,784                  |
|             |                        | UFR: Space Fence Site 1 & Ground Based Operational Surveillance System. |                        | [40,800]                 |
| 318         | 1206423F               | GLOBAL POSITIONING SYSTEM III—OPERATIONAL CONTROL SEGMENT.              | 510,938                | 510,938                  |
| 320         | 999999999              | CLASSIFIED PROGRAMS .....   | 14,938,002             | 14,974,002               |
|             |                        | Program increase .....  |                        | [36,000]                 |
|             |                        | <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT .....</b>                   | <b>20,585,302</b>      | <b>20,913,787</b>        |
|             |                        | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF ...</b>             | <b>34,914,359</b>      | <b>36,138,677</b>        |
|             |                        | <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW</b>                       |                        |                          |
|             |                        | <b>BASIC RESEARCH</b>   |                        |                          |
| 1           | 0601000BR              | DTRA BASIC RESEARCH .....   | 37,201                 | 37,201                   |
| 2           | 0601101E               | DEFENSE RESEARCH SCIENCES .....   | 432,347                | 432,347                  |
| 3           | 0601110D8Z             | BASIC RESEARCH INITIATIVES .....  | 40,612                 | 40,612                   |
| 4           | 0601117E               | BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE .....                        | 43,126                 | 43,126                   |
| 5           | 0601120D8Z             | NATIONAL DEFENSE EDUCATION PROGRAM .....                                | 74,298                 | 99,298                   |
|             |                        | Evidence based military child STEM education .....                      |                        | [5,000]                  |
|             |                        | Manufacturing Engineering Education Program .....                       |                        | [20,000]                 |
| 6           | 0601228D8Z             | HISTORICALLY BLACK COLLEGES AND UNIVERSITIES/MINORITY INSTITUTIONS.     | 25,865                 | 27,865                   |

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|             |                        | STEM support for minority women .....                                |                        | [2,000]                  |
| 7           | 0601384BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....                        | 43,898                 | 43,898                   |
|             |                        | <b>SUBTOTAL BASIC RESEARCH</b> .....                                 | <b>697,347</b>         | <b>724,347</b>           |
|             |                        | <b>APPLIED RESEARCH</b>  |                        |                          |
| 8           | 0602000D8Z             | JOINT MUNITIONS TECHNOLOGY .....                                     | 19,111                 | 19,111                   |
| 9           | 0602115E               | BIOMEDICAL TECHNOLOGY .....  | 109,360                | 109,360                  |
| 11          | 0602234D8Z             | LINCOLN LABORATORY RESEARCH PROGRAM .....                            | 49,748                 | 49,748                   |
| 12          | 0602251D8Z             | APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES.              | 49,226                 | 49,226                   |
| 13          | 0602303E               | INFORMATION & COMMUNICATIONS TECHNOLOGY .....                        | 392,784                | 392,784                  |
| 14          | 0602383E               | BIOLOGICAL WARFARE DEFENSE .....                                     | 13,014                 | 13,014                   |
| 15          | 0602384BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....                        | 201,053                | 201,053                  |
| 16          | 0602668D8Z             | CYBER SECURITY RESEARCH .....  | 14,775                 | 14,775                   |
| 17          | 0602702E               | TACTICAL TECHNOLOGY .....  | 343,776                | 328,776                  |
|             |                        | General decrease .....   |                        | [-15,000]                |
| 18          | 0602715E               | MATERIALS AND BIOLOGICAL TECHNOLOGY .....                            | 224,440                | 224,440                  |
| 19          | 0602716E               | ELECTRONICS TECHNOLOGY .....   | 295,447                | 285,447                  |
|             |                        | Unjustified growth .....   |                        | [-10,000]                |
| 20          | 0602718BR              | COUNTER WEAPONS OF MASS DESTRUCTION APPLIED RESEARCH.                | 157,908                | 157,908                  |
| 21          | 0602751D8Z             | SOFTWARE ENGINEERING INSTITUTE (SEI) APPLIED RESEARCH.               | 8,955                  | 8,955                    |
| 22          | 1160401BB              | SOF TECHNOLOGY DEVELOPMENT .....                                     | 34,493                 | 34,493                   |
|             |                        | <b>SUBTOTAL APPLIED RESEARCH</b> .....                               | <b>1,914,090</b>       | <b>1,889,090</b>         |
|             |                        | <b>ADVANCED TECHNOLOGY DEVELOPMENT</b>                               |                        |                          |
| 23          | 0603000D8Z             | JOINT MUNITIONS ADVANCED TECHNOLOGY .....                            | 25,627                 | 25,627                   |
| 24          | 0603122D8Z             | COMBATING TERRORISM TECHNOLOGY SUPPORT .....                         | 76,230                 | 76,230                   |
| 25          | 0603133D8Z             | FOREIGN COMPARATIVE TESTING .....                                    | 24,199                 | 24,199                   |
| 26          | 0603160BR              | COUNTER WEAPONS OF MASS DESTRUCTION ADVANCED TECHNOLOGY DEVELOPMENT. | 268,607                | 268,607                  |
| 27          | 0603176C               | ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT .....                   | 12,996                 | 12,996                   |
| 29          | 0603178C               | WEAPONS TECHNOLOGY .....   | 5,495                  | 5,495                    |
| 31          | 0603180C               | ADVANCED RESEARCH .....  | 20,184                 | 20,184                   |
| 32          | 0603225D8Z             | JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT .....                 | 18,662                 | 18,662                   |
| 35          | 0603286E               | ADVANCED AEROSPACE SYSTEMS .....                                     | 155,406                | 155,406                  |
| 36          | 0603287E               | SPACE PROGRAMS AND TECHNOLOGY .....                                  | 247,435                | 247,435                  |
| 37          | 0603288D8Z             | ANALYTIC ASSESSMENTS .....   | 13,154                 | 8,154                    |
|             |                        | General decrease .....   |                        | [-5,000]                 |
| 38          | 0603289D8Z             | ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS .....                      | 37,674                 | 37,674                   |
| 39          | 0603291D8Z             | ADVANCED INNOVATIVE ANALYSIS AND CONCEPTS—MHA .....                  | 15,000                 | 15,000                   |
| 40          | 0603294C               | COMMON KILL VEHICLE TECHNOLOGY .....                                 | 252,879                | 252,879                  |
| 41          | 0603342D8W             | DEFENSE INNOVATION UNIT EXPERIMENTAL (DIUX) .....                    | 29,594                 | 29,594                   |
| 42          | 0603375D8Z             | TECHNOLOGY INNOVATION .....  | 59,863                 | 59,863                   |
| 43          | 0603384BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—ADVANCED DEVELOPMENT.        | 145,359                | 145,359                  |
| 44          | 0603527D8Z             | RETRACT LARCH .....  | 171,120                | 171,120                  |
| 45          | 0603618D8Z             | JOINT ELECTRONIC ADVANCED TECHNOLOGY .....                           | 14,389                 | 14,389                   |
| 46          | 0603648D8Z             | JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS .....                     | 105,871                | 105,871                  |
| 47          | 0603662D8Z             | NETWORKED COMMUNICATIONS CAPABILITIES .....                          | 12,661                 | 12,661                   |
| 48          | 0603680D8Z             | DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM.           | 136,159                | 191,159                  |
|             |                        | Improve productivity of defense industrial base .....                |                        | [20,000]                 |
|             |                        | Partnership between MEP centers and Manufacturing USA Institutes     |                        | [15,000]                 |
|             |                        | Manufacturing USA institutes .....                                   |                        | [20,000]                 |
| 49          | 0603680S               | MANUFACTURING TECHNOLOGY PROGRAM .....                               | 40,511                 | 40,511                   |
| 50          | 0603699D8Z             | EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT .....                   | 57,876                 | 57,876                   |
| 51          | 0603712S               | GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS .....                | 10,611                 | 10,611                   |
| 53          | 0603716D8Z             | STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM .....                       | 71,832                 | 81,832                   |
|             |                        | Readiness increase .....   |                        | [10,000]                 |
| 54          | 0603720S               | MICROELECTRONICS TECHNOLOGY DEVELOPMENT AND SUPPORT.                 | 219,803                | 299,803                  |
|             |                        | Supply chain assurance .....   |                        | [80,000]                 |
| 55          | 0603727D8Z             | JOINT WARFIGHTING PROGRAM .....                                      | 6,349                  | 6,349                    |
| 56          | 0603739E               | ADVANCED ELECTRONICS TECHNOLOGIES .....                              | 79,173                 | 79,173                   |
| 57          | 0603760E               | COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS .....                    | 106,787                | 106,787                  |
| 58          | 0603766E               | NETWORK-CENTRIC WARFARE TECHNOLOGY .....                             | 439,386                | 439,386                  |
| 59          | 0603767E               | SENSOR TECHNOLOGY .....  | 210,123                | 210,123                  |
| 60          | 0603769D8Z             | DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT.                | 11,211                 | 11,211                   |
| 62          | 0603781D8Z             | SOFTWARE ENGINEERING INSTITUTE .....                                 | 15,047                 | 15,047                   |
| 63          | 0603826D8Z             | QUICK REACTION SPECIAL PROJECTS .....                                | 69,203                 | 69,203                   |
| 64          | 0603833D8Z             | ENGINEERING SCIENCE & TECHNOLOGY .....                               | 25,395                 | 25,395                   |
| 65          | 0603941D8Z             | TEST & EVALUATION SCIENCE & TECHNOLOGY .....                         | 89,586                 | 89,586                   |
| 66          | 0604055D8Z             | OPERATIONAL ENERGY CAPABILITY IMPROVEMENT .....                      | 38,403                 | 48,403                   |
|             |                        | Readiness increase .....   |                        | [10,000]                 |
| 67          | 0303310D8Z             | CWMD SYSTEMS .....   | 33,382                 | 33,382                   |

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| 68  | 1160402BB              | SOF ADVANCED TECHNOLOGY DEVELOPMENT .....   | 72,605                 | 72,605                   |
|   |                        | <b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT ...</b>                                     | <b>3,445,847</b>       | <b>3,595,847</b>         |
| <b>ADVANCED COMPONENT DEVELOPMENT AND PROTO-TYPES</b> |                        |   |                        |                          |
| 69  | 0603161D8Z             | NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIP-<br>MENT RDT&E ADC&P.                  | 32,937                 | 32,937                   |
| 70  | 0603600D8Z             | WALKOFF .....   | 101,714                | 101,714                  |
| 72  | 0603821D8Z             | ACQUISITION ENTERPRISE DATA & INFORMATION SERVICES ...                                  | 2,198                  | 2,198                    |
| 73  | 0603851D8Z             | ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PRO-<br>GRAM.                            | 54,583                 | 64,583                   |
|   |                        | <i>Readiness increase</i> .....   |                        | [10,000]                 |
| 74  | 0603881C               | BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT ..                                   | 230,162                | 230,162                  |
| 75  | 0603882C               | BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT<br><i>UFR: Discrimination</i> ..... | 828,097                | 850,093<br>[21,996]      |
| 76  | 0603884BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—DEMVAL .....                                    | 148,518                | 148,518                  |
| 77  | 0603884C               | BALLISTIC MISSILE DEFENSE SENSORS .....   | 247,345                | 305,207<br>[57,862]      |
|   |                        | <i>UFR: Discrimination</i> .....  |                        | [57,862]                 |
| 78  | 0603890C               | BMD ENABLING PROGRAMS .....   | 449,442                | 478,886<br>[23,342]      |
|   |                        | <i>UFR: Discrimination</i> .....  |                        | [23,342]                 |
|   |                        | <i>UFR: High Fidelity Modeling and Simulation</i> .....                                 |                        | [6,102]                  |
| 79  | 0603891C               | SPECIAL PROGRAMS—MDA .....  | 320,190                | 320,190                  |
| 80  | 0603892C               | AEGIS BMD .....   | 852,052                | 852,052                  |
| 83  | 0603896C               | BALLISTIC MISSILE DEFENSE COMMAND AND CONTROL, BAT-<br>TLE MANAGEMENT AND COMMUNICATI.  | 430,115                | 430,115                  |
| 84  | 0603898C               | BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT ...                                  | 48,954                 | 48,954                   |
| 85  | 0603904C               | MISSILE DEFENSE INTEGRATION & OPERATIONS CENTER<br>(MDIOC).                             | 53,265                 | 53,265                   |
| 86  | 0603906C               | REGARDING TRENCH .....  | 9,113                  | 9,113                    |
| 87  | 0603907C               | SEA BASED X-BAND RADAR (SBX) .....  | 130,695                | 130,695                  |
| 88  | 0603913C               | ISRAELI COOPERATIVE PROGRAMS .....  | 105,354                | 373,804<br>[71,460]      |
|   |                        | <i>Arrow</i> .....  |                        | [71,460]                 |
|   |                        | <i>Arrow Upper Tier flight test</i> .....   |                        | [105,000]                |
|   |                        | <i>Arrow-Upper Tier</i> .....   |                        | [28,140]                 |
|   |                        | <i>David's Sling</i> .....  |                        | [63,850]                 |
| 89  | 0603914C               | BALLISTIC MISSILE DEFENSE TEST .....  | 305,791                | 305,791                  |
| 90  | 0603915C               | BALLISTIC MISSILE DEFENSE TARGETS .....   | 410,425                | 410,425                  |
| 91  | 0603920D8Z             | HUMANITARIAN DEMINING .....   | 10,837                 | 10,837                   |
| 92  | 0603923D8Z             | COALITION WARFARE .....   | 10,740                 | 10,740                   |
| 93  | 0604016D8Z             | DEPARTMENT OF DEFENSE CORROSION PROGRAM .....   | 3,837                  | 13,837<br>[10,000]       |
|   |                        | <i>DOD Corrosion Program</i> .....  |                        | [10,000]                 |
| 94  | 0604115C               | TECHNOLOGY MATURATION INITIATIVES .....   | 128,406                | 128,406                  |
| 95  | 0604132D8Z             | MISSILE DEFEAT PROJECT .....  | 98,369                 | 98,369                   |
| 96  | 0604181C               | HYPERSOUND DEFENSE .....  | 75,300                 | 75,300                   |
| 97  | 0604250D8Z             | ADVANCED INNOVATIVE TECHNOLOGIES .....  | 1,175,832              | 1,175,832                |
| 98  | 0604294D8Z             | TRUSTED & ASSURED MICROELECTRONICS .....  | 83,626                 | 83,626                   |
| 99  | 0604331D8Z             | RAPID PROTOTYPING PROGRAM .....   | 100,000                | 100,000                  |
| 100   | 0604342D8Z             | DEFENSE TECHNOLOGY OFFSET .....   | 0                      | 200,000<br>[200,000]     |
|   |                        | <i>Directed energy</i> .....  |                        | [200,000]                |
| 101   | 0604400D8Z             | DEPARTMENT OF DEFENSE (DOD) UNMANNED SYSTEM COM-<br>MON DEVELOPMENT.                    | 3,967                  | 3,967                    |
| 102   | 0604682D8Z             | WARGAMING AND SUPPORT FOR STRATEGIC ANALYSIS (SSA) .....                                | 3,833                  | 3,833                    |
| 104   | 0604826J               | JOINT C5 CAPABILITY DEVELOPMENT, INTEGRATION AND<br>INTEROPERABILITY ASSESSMENTS.       | 23,638                 | 23,638                   |
| 105   | 0604873C               | LONG RANGE DISCRIMINATION RADAR (LRDR) .....  | 357,659                | 357,659                  |
| 106   | 0604874C               | IMPROVED HOMEMAND DEFENSE INTERCEPTORS .....  | 465,530                | 545,530<br>[80,000]      |
|   |                        | <i>UFR: C3 Booster Development</i> .....  |                        | [80,000]                 |
| 107   | 0604876C               | BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT<br>TEST.                             | 36,239                 | 36,239                   |
| 108   | 0604878C               | AEGIS BMD TEST .....  | 134,468                | 160,819<br>[26,351]      |
|   |                        | <i>UFR: Anti-Air Warfare Capability</i> .....   |                        | [26,351]                 |
| 109   | 0604879C               | BALLISTIC MISSILE DEFENSE SENSOR TEST .....   | 84,239                 | 84,239                   |
| 110   | 0604880C               | LAND-BASED SM-3 (LBSM3) .....   | 30,486                 | 97,761<br>[67,275]       |
|   |                        | <i>UFR: Anti-Air Warfare Capability</i> .....   |                        | [67,275]                 |
| 111   | 0604881C               | AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT .....   | 9,739                  | 9,739                    |
| 112   | 0604887C               | BALLISTIC MISSILE DEFENSE MIDCOURSE SEGMENT TEST .....                                  | 76,757                 | 76,757                   |
| 113   | 0604894C               | MULTI-OBJECT KILL VEHICLE .....   | 6,500                  | 6,500                    |
| 114   | 0303191D8Z             | JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM .....                                    | 2,902                  | 2,902                    |
| 115   | 0305103C               | CYBER SECURITY INITIATIVE .....   | 986                    | 986                      |
| 116   | 1206893C               | SPACE TRACKING & SURVEILLANCE SYSTEM .....  | 34,907                 | 34,907                   |
| 117   | 1206895C               | BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS .....                                   | 16,994                 | 44,494<br>[27,500]       |
|   |                        | <i>UFR: Space Based Sensor</i> .....  |                        | [27,500]                 |
| 262   | 888888                 | GROUND-LAUNCHED INTERMEDIATE RANGE MISSILE .....  | 0                      | 65,000<br>[65,000]       |
|   |                        | <i>Ground-Launched Intermediate Range Missile</i> .....                                 |                        | [65,000]                 |
|   |                        | <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT<br/>AND PROTOTYPES.</b>                      | <b>7,736,741</b>       | <b>8,600,619</b>         |

**SYSTEM DEVELOPMENT AND DEMONSTRATION**

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Program Element</b> | <b>Item</b>   | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|-------------|------------------------|---|------------------------|--------------------------|
| 118         | 0604161D8Z             | NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT RDT&E SDD.                   | 12,536                 | 12,536                   |
| 119         | 0604165D8Z             | PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT .....                                 | 201,749                | 201,749                  |
| 120         | 0604384BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM—EMD .....                                 | 406,789                | 406,789                  |
| 122         | 0604771D8Z             | JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)                            | 15,358                 | 15,358                   |
| 123         | 0605000BR              | COUNTER WEAPONS OF MASS DESTRUCTION SYSTEMS DEVELOPMENT.                          | 6,241                  | 6,241                    |
| 124         | 0605013BL              | INFORMATION TECHNOLOGY DEVELOPMENT .....  | 12,322                 | 12,322                   |
| 125         | 0605021SE              | HOMELAND PERSONNEL SECURITY INITIATIVE .....                                      | 4,893                  | 4,893                    |
| 126         | 0605022D8Z             | DEFENSE EXPORTABILITY PROGRAM .....   | 3,162                  | 3,162                    |
| 127         | 0605027D8Z             | OUSD(C) IT DEVELOPMENT INITIATIVES .....  | 21,353                 | 19,353                   |
|             |                        | Find COTS solution .....  |                        | [-2,000]                 |
| 128         | 0605070S               | DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION.                             | 6,266                  | 6,266                    |
| 129         | 0605075D8Z             | DCMO POLICY AND INTEGRATION .....   | 2,810                  | 2,810                    |
| 130         | 0605080S               | DEFENSE AGENCY INITIATIVES (DAI)—FINANCIAL SYSTEM .....                           | 24,436                 | 24,436                   |
| 131         | 0605090S               | DEFENSE RETIRED AND ANNUITANT PAY SYSTEM (DRAS) .....                             | 13,475                 | 13,475                   |
| 133         | 0605210D8Z             | DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITIES .....                            | 11,870                 | 0                        |
|             |                        | Consolidate requirements .....  |                        | [-11,870]                |
| 134         | 0605294D8Z             | TRUSTED & ASSURED MICROELECTRONICS .....  | 61,084                 | 61,084                   |
| 135         | 0303141K               | GLOBAL COMBAT SUPPORT SYSTEM .....  | 2,576                  | 2,576                    |
| 136         | 0305304D8Z             | DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEM).                               | 3,669                  | 3,669                    |
| 137         | 0305310D8Z             | CWMD SYSTEMS: SYSTEM DEVELOPMENT AND DEMONSTRATION.                               | 8,230                  | 8,230                    |
|             |                        | <b>SUBTOTAL SYSTEM DEVELOPMENT AND DEMONSTRATION.</b>                             | <b>818,819</b>         | <b>804,949</b>           |
|             |                        | <b>MANAGEMENT SUPPORT</b>   |                        |                          |
| 138         | 0604774D8Z             | DEFENSE READINESS REPORTING SYSTEM (DRRS) .....                                   | 6,941                  | 6,941                    |
| 139         | 0604875D8Z             | JOINT SYSTEMS ARCHITECTURE DEVELOPMENT .....                                      | 4,851                  | 4,851                    |
| 140         | 0604940D8Z             | CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT (CTEIP).                       | 211,325                | 211,325                  |
| 141         | 0604942D8Z             | ASSESSMENTS AND EVALUATIONS .....   | 30,144                 | 130,144                  |
|             |                        | Classified assessment .....   |                        | [100,000]                |
| 142         | 0605001E               | MISSION SUPPORT .....   | 63,769                 | 63,769                   |
| 143         | 0605100D8Z             | JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETS) .....                           | 91,057                 | 91,057                   |
| 144         | 0605104D8Z             | TECHNICAL STUDIES, SUPPORT AND ANALYSIS .....                                     | 22,386                 | 22,386                   |
| 145         | 0605126J               | JOINT INTEGRATED AIR AND MISSILE DEFENSE ORGANIZATION (JIAMDO).                   | 36,581                 | 36,581                   |
| 147         | 0605142D8Z             | SYSTEMS ENGINEERING .....   | 37,622                 | 37,622                   |
| 148         | 0605151D8Z             | STUDIES AND ANALYSIS SUPPORT—OSD .....  | 5,200                  | 5,200                    |
| 149         | 0605161D8Z             | NUCLEAR MATTERS-PHYSICAL SECURITY .....   | 5,232                  | 5,232                    |
| 150         | 0605170D8Z             | SUPPORT TO NETWORKS AND INFORMATION INTEGRATION .....                             | 12,583                 | 12,583                   |
| 151         | 0605200D8Z             | GENERAL SUPPORT TO USD (INTELLIGENCE) .....                                       | 31,451                 | 31,451                   |
| 152         | 0605384BP              | CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM .....                                     | 104,348                | 104,348                  |
| 161         | 0605790D8Z             | SMALL BUSINESS INNOVATION RESEARCH (SBIR)/ SMALL BUSINESS TECHNOLOGY TRANSFER.    | 2,372                  | 2,372                    |
| 162         | 0605798D8Z             | DEFENSE TECHNOLOGY ANALYSIS .....   | 24,365                 | 24,365                   |
| 163         | 0605801KA              | DEFENSE TECHNICAL INFORMATION CENTER (DTIC) .....                                 | 54,145                 | 54,145                   |
| 164         | 0605803SE              | R&D IN SUPPORT OF DOD ENLISTMENT, TESTING AND EVALUATION.                         | 30,356                 | 30,356                   |
| 165         | 0605804D8Z             | DEVELOPMENT TEST AND EVALUATION .....   | 20,571                 | 25,571                   |
|             |                        | Software testing capabilities .....   |                        | [5,000]                  |
| 166         | 0605898E               | MANAGEMENT HQ—R&D .....   | 14,017                 | 14,017                   |
| 167         | 0605998KA              | MANAGEMENT HQ—DEFENSE TECHNICAL INFORMATION CENTER (DTIC).                        | 4,187                  | 4,187                    |
| 168         | 0606100D8Z             | BUDGET AND PROGRAM ASSESSMENTS .....  | 3,992                  | 3,992                    |
| 169         | 0606225D8Z             | ODNA TECHNOLOGY AND RESOURCE ANALYSIS .....                                       | 1,000                  | 1,000                    |
| 170         | 0203345D8Z             | DEFENSE OPERATIONS SECURITY INITIATIVE (DOSI) .....                               | 2,551                  | 2,551                    |
| 171         | 0204571J               | JOINT STAFF ANALYTICAL SUPPORT .....  | 7,712                  | 7,712                    |
| 174         | 0303166J               | SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES .....                         | 673                    | 673                      |
| 175         | 0303260D8Z             | DEFENSE MILITARY DECEPTION PROGRAM OFFICE (DMDPO) .....                           | 1,006                  | 1,006                    |
| 177         | 0305172K               | COMBINED ADVANCED APPLICATIONS .....  | 16,998                 | 16,998                   |
| 180         | 0305245D8Z             | INTELLIGENCE CAPABILITIES AND INNOVATION INVESTMENTS                              | 18,992                 | 18,992                   |
| 181         | 0306310D8Z             | CWMD SYSTEMS: RDT&E MANAGEMENT SUPPORT .....                                      | 1,231                  | 1,231                    |
| 183         | 0804767J               | COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION (CE2T2)—MHA.                | 44,500                 | 44,500                   |
| 184         | 0901598C               | MANAGEMENT HQ—MDA .....   | 29,947                 | 29,947                   |
| 186         | 9999999999             | CLASSIFIED PROGRAMS .....   | 63,312                 | 63,312                   |
| 187         | 0903235K               | JOINT SERVICE PROVIDER (JSP) .....  | 5,113                  | 5,113                    |
|             |                        | <b>SUBTOTAL MANAGEMENT SUPPORT</b> .....  | <b>1,010,530</b>       | <b>1,115,530</b>         |
|             |                        | <b>OPERATIONAL SYSTEM DEVELOPMENT</b>   |                        |                          |
| 188         | 0604130V               | ENTERPRISE SECURITY SYSTEM (ESS) .....  | 4,565                  | 4,565                    |
| 189         | 0605127T               | REGIONAL INTERNATIONAL OUTREACH (RIO) AND PARTNERSHIP FOR PEACE INFORMATION MANA. | 1,871                  | 1,871                    |
| 190         | 0605147T               | OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SYSTEM (OHASIS).              | 298                    | 298                      |

**SEC. 4201. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Program Element</b> | <b>Item</b>  | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|-------------|------------------------|--|------------------------|--------------------------|
| 191         | 0607210D8Z             | INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT .....                         | 10,882                 | 10,882                   |
| 192         | 0607310D8Z             | CWMD SYSTEMS: OPERATIONAL SYSTEMS DEVELOPMENT .....                            | 7,222                  | 7,222                    |
| 193         | 0607327T               | GLOBAL THEATER SECURITY COOPERATION MANAGEMENT INFORMATION SYSTEMS (G-TSCMIS). | 14,450                 | 14,450                   |
| 194         | 0607384BP              | CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS DEVELOPMENT).             | 45,677                 | 45,677                   |
| 195         | 0208043J               | PLANNING AND DECISION AID SYSTEM (PDAS) .....                                  | 3,037                  | 3,037                    |
| 196         | 0208045K               | CAI INTEROPERABILITY .....   | 59,490                 | 59,490                   |
| 198         | 0301144K               | JOINT/ALLIED COALITION INFORMATION SHARING .....                               | 6,104                  | 6,104                    |
| 202         | 0302016K               | NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT .....                            | 1,863                  | 1,863                    |
| 203         | 0302019K               | DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION.                       | 21,564                 | 21,564                   |
| 204         | 0303126K               | LONG-HAUL COMMUNICATIONS—DCS .....   | 15,428                 | 15,428                   |
| 205         | 0303131K               | MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN).                    | 15,855                 | 15,855                   |
| 206         | 0303135G               | PUBLIC KEY INFRASTRUCTURE (PKI) .....  | 4,811                  | 4,811                    |
| 207         | 0303136G               | KEY MANAGEMENT INFRASTRUCTURE (KMI) .....                                      | 33,746                 | 33,746                   |
| 208         | 0303140D8Z             | INFORMATION SYSTEMS SECURITY PROGRAM .....                                     | 9,415                  | 9,415                    |
| 209         | 0303140G               | INFORMATION SYSTEMS SECURITY PROGRAM .....                                     | 227,652                | 227,652                  |
| 210         | 0303150K               | GLOBAL COMMAND AND CONTROL SYSTEM .....  | 42,687                 | 42,687                   |
| 211         | 0303153K               | DEFENSE SPECTRUM ORGANIZATION .....  | 8,750                  | 8,750                    |
| 214         | 0303228K               | JOINT INFORMATION ENVIRONMENT (JIE) .....                                      | 4,689                  | 4,689                    |
| 216         | 0303430K               | FEDERAL INVESTIGATIVE SERVICES INFORMATION TECHNOLOGY.                         | 50,000                 | 50,000                   |
| 222         | 0305103K               | CYBER SECURITY INITIATIVE .....  | 1,686                  | 1,686                    |
| 227         | 0305186D8Z             | POLICY R&D PROGRAMS .....  | 6,526                  | 6,526                    |
| 228         | 0305199D8Z             | NET CENTRICITY .....   | 18,455                 | 18,455                   |
| 230         | 0305208BB              | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....                                | 5,496                  | 5,496                    |
| 233         | 0305208K               | DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS .....                                | 3,049                  | 3,049                    |
| 236         | 0305327V               | INSIDER THREAT .....   | 5,365                  | 5,365                    |
| 237         | 0305387D8Z             | HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM .....                             | 2,071                  | 2,071                    |
| 243         | 0307577D8Z             | INTELLIGENCE MISSION DATA (IMD) .....  | 13,111                 | 13,111                   |
| 245         | 0708012S               | PACIFIC DISASTER CENTERS .....   | 1,770                  | 1,770                    |
| 246         | 0708047S               | DEFENSE PROPERTY ACCOUNTABILITY SYSTEM .....                                   | 2,924                  | 2,924                    |
| 248         | 1105219BB              | MQ-9 UAV .....   | 37,863                 | 50,863                   |
|             |                        | MQ-9 Capability Enhancement .....  |                        | [13,000]                 |
| 251         | 1160403BB              | AVIATION SYSTEMS .....   | 259,886                | 273,386                  |
|             |                        | SOCOM requested transfer .....   |                        | [13,500]                 |
| 252         | 1160405BB              | INTELLIGENCE SYSTEMS DEVELOPMENT .....   | 8,245                  | 8,245                    |
| 253         | 1160408BB              | OPERATIONAL ENHANCEMENTS .....   | 79,455                 | 95,455                   |
|             |                        | UFR: Enhanced Precision Strike .....   |                        | [16,000]                 |
| 254         | 1160431BB              | WARRIOR SYSTEMS .....  | 45,935                 | 45,935                   |
| 255         | 1160432BB              | SPECIAL PROGRAMS .....   | 1,978                  | 1,978                    |
| 256         | 1160434BB              | UNMANNED ISR .....   | 31,766                 | 31,766                   |
| 257         | 1160480BB              | SOF TACTICAL VEHICLES .....  | 2,578                  | 2,578                    |
| 258         | 1160483BB              | MARITIME SYSTEMS .....   | 42,315                 | 60,415                   |
|             |                        | SOCOM requested transfer .....   |                        | [12,800]                 |
|             |                        | UFR: Develop Dry Combat Submersible .....                                      |                        | [5,300]                  |
| 259         | 1160489BB              | GLOBAL VIDEO SURVEILLANCE ACTIVITIES .....                                     | 4,661                  | 4,661                    |
| 260         | 1160490BB              | OPERATIONAL ENHANCEMENTS INTELLIGENCE .....                                    | 12,049                 | 12,049                   |
| 261         | 1203610K               | TELEPORT PROGRAM .....   | 642                    | 642                      |
| 262         | 9999999999             | CLASSIFIED PROGRAMS .....  | 3,689,646              | 3,689,646                |
|             |                        | <b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT .....</b>                           | <b>4,867,528</b>       | <b>4,928,128</b>         |
|             |                        | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW ..</b>                     | <b>20,490,902</b>      | <b>21,658,510</b>        |
|             |                        | <b>OPERATIONAL TEST &amp; EVAL, DEFENSE MANAGEMENT SUPPORT</b>                 |                        |                          |
| 1           | 0605118OTE             | OPERATIONAL TEST AND EVALUATION .....  | 83,503                 | 83,503                   |
| 2           | 0605131OTE             | LIVE FIRE TEST AND EVALUATION .....  | 59,500                 | 59,500                   |
| 3           | 0605814OTE             | OPERATIONAL TEST ACTIVITIES AND ANALYSES .....                                 | 67,897                 | 67,897                   |
|             |                        | <b>SUBTOTAL MANAGEMENT SUPPORT .....</b>                                       | <b>210,900</b>         | <b>210,900</b>           |
|             |                        | <b>TOTAL OPERATIONAL TEST &amp; EVAL, DEFENSE .....</b>                        | <b>210,900</b>         | <b>210,900</b>           |
|             |                        | <b>UNDISTRIBUTED</b>   |                        |                          |
|             |                        | <b>UNDISTRIBUTED</b>   |                        |                          |
| 999         | 999999                 | UNDISTRIBUTED .....  | 0                      | 64,100                   |
|             |                        | ERI costs transfer from OCO to base .....                                      |                        | [64,100]                 |
|             |                        | <b>SUBTOTAL UNDISTRIBUTED .....</b>  | <b>0</b>               | <b>64,100</b>            |
|             |                        | <b>TOTAL UNDISTRIBUTED .....</b>   | <b>0</b>               | <b>64,100</b>            |
|             |                        | <b>TOTAL RDT&amp;E .....</b>   | <b>82,716,636</b>      | <b>86,032,029</b>        |

1 **SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUA-**  
 2 **TION FOR OVERSEAS CONTINGENCY OPER-**  
 3 **ATIONS.**

| <b>SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION<br/>FOR OVERSEAS CONTINGENCY OPERATIONS<br/>(In Thousands of Dollars)</b> |                            |   |                            |                              |
|---|----------------------------|---|----------------------------|------------------------------|
| <b>Line</b>   | <b>Program<br/>Element</b> | <b>Item</b>   | <b>FY 2018<br/>Request</b> | <b>Senate<br/>Authorized</b> |
| <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, ARMY<br/>ADVANCED COMPONENT DEVELOPMENT &amp; PROTO-<br/>TYPES</b>                       |                            |   |                            |                              |
| 55  | 0603327A                   | AIR AND MISSILE DEFENSE SYSTEMS ENGINEERING .....               | 15,000                     | 15,000                       |
| 60  | 0603747A                   | SOLDIER SUPPORT AND SURVIVABILITY .....                         | 3,000                      | 3,000                        |
| <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp;<br/>PROTOTYPES.</b>  |                            |   | <b>18,000</b>              | <b>18,000</b>                |
| <b>SYSTEM DEVELOPMENT &amp; DEMONSTRATION</b>   |                            |   |                            |                              |
| 122   | 0605032A                   | TRACTOR TIRE .....  | 5,000                      | 5,000                        |
| 125   | 0605035A                   | COMMON INFRARED COUNTERMEASURES (CIRCM) .....                   | 21,540                     | 21,540                       |
| 133   | 0605051A                   | AIRCRAFT SURVIVABILITY DEVELOPMENT .....                        | 30,100                     | 30,100                       |
| 147   | 0303032A                   | TROJAN—RH12 .....   | 1,200                      | 1,200                        |
| <b>SUBTOTAL SYSTEM DEVELOPMENT &amp; DEMONSTRA-<br/>TION.</b>   |                            |   | <b>57,840</b>              | <b>57,840</b>                |
| <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>  |                            |   |                            |                              |
| 203   | 0203801A                   | MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM .....           | 15,000                     | 15,000                       |
| 222   | 0305204A                   | TACTICAL UNMANNED AERIAL VEHICLES .....                         | 7,492                      | 7,492                        |
| 223   | 0305206A                   | AIRBORNE RECONNAISSANCE SYSTEMS .....                           | 15,000                     | 15,000                       |
| 228   | 0307665A                   | BIOMETRICS ENABLED INTELLIGENCE .....                           | 6,036                      | 6,036                        |
| <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ...</b>   |                            |   | <b>43,528</b>              | <b>43,528</b>                |
| <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL,<br/>ARMY.</b>  |                            |   | <b>119,368</b>             | <b>119,368</b>               |
| <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, NAVY<br/>ADVANCED COMPONENT DEVELOPMENT &amp; PROTO-<br/>TYPES</b>                       |                            |   |                            |                              |
| 41  | 0603527N                   | RETRACT LARCH .....   | 22,000                     | 22,000                       |
| 81  | 0604272N                   | TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES<br>(TADIRCM). | 5,710                      | 5,710                        |
| <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp;<br/>PROTOTYPES.</b>  |                            |   | <b>27,710</b>              | <b>27,710</b>                |
| 9999999999 CLASSIFIED PROGRAMS .....  |                            |   | 89,855                     | 89,855                       |
| <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>  |                            |   |                            |                              |
| 207   | 0204311N                   | INTEGRATED SURVEILLANCE SYSTEM .....                            | 11,600                     | 11,600                       |
| 211   | 0204574N                   | CRYPTOLOGIC DIRECT SUPPORT .....                                | 1,200                      | 1,200                        |
| <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ...</b>   |                            |   | <b>102,655</b>             | <b>102,655</b>               |
| <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL,<br/>NAVY.</b>  |                            |   | <b>130,365</b>             | <b>130,365</b>               |
| <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF<br/>ADVANCED COMPONENT DEVELOPMENT &amp; PROTO-<br/>TYPES</b>                         |                            |   |                            |                              |
| 29  | 0603438F                   | SPACE CONTROL TECHNOLOGY .....                                  | 7,800                      | 7,800                        |
| 53  | 0306250F                   | CYBER OPERATIONS TECHNOLOGY DEVELOPMENT .....                   | 5,400                      | 5,400                        |
| <b>SUBTOTAL ADVANCED COMPONENT DEVELOPMENT &amp;<br/>PROTOTYPES.</b>  |                            |   | <b>13,200</b>              | <b>13,200</b>                |
| 9999999999 CLASSIFIED PROGRAMS .....  |                            |   | 112,408                    | 112,408                      |
| <b>OPERATIONAL SYSTEMS DEVELOPMENT</b>  |                            |   |                            |                              |
| 196   | 0207277F                   | ISR INNOVATIONS .....   | 5,750                      | 5,750                        |
| 214   | 0208087F                   | AF OFFENSIVE CYBERSPACE OPERATIONS .....                        | 4,000                      | 4,000                        |
| <b>SUBTOTAL OPERATIONAL SYSTEMS DEVELOPMENT ...</b>   |                            |   | <b>122,158</b>             | <b>122,158</b>               |
| <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, AF ..</b>  |                            |   | <b>135,358</b>             | <b>135,358</b>               |
| <b>RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW<br/>ADVANCED TECHNOLOGY DEVELOPMENT</b>   |                            |   |                            |                              |
| 24  | 0603122D8Z                 | COMBATING TERRORISM TECHNOLOGY SUPPORT .....                    | 25,000                     | 25,000                       |
| <b>SUBTOTAL ADVANCED TECHNOLOGY DEVELOPMENT</b>   |                            |   | <b>25,000</b>              | <b>25,000</b>                |
| 9999999999 CLASSIFIED PROGRAMS .....  |                            |   | 196,176                    | 196,176                      |
| <b>OPERATIONAL SYSTEM DEVELOPMENT</b>   |                            |   |                            |                              |
| 253   | 1160408BB                  | OPERATIONAL ENHANCEMENTS .....                                  | 1,920                      | 1,920                        |
| 256   | 1160434BB                  | UNMANNED ISR .....  | 3,000                      | 3,000                        |

**SEC. 4202. RESEARCH, DEVELOPMENT, TEST, AND EVALUATION  
FOR OVERSEAS CONTINGENCY OPERATIONS  
(In Thousands of Dollars)**

| <i>Line</i> | <i>Program Element</i> | <i>Item</i>   | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|-------------|------------------------|---|------------------------|--------------------------|
|             |                        | <b>SUBTOTAL OPERATIONAL SYSTEM DEVELOPMENT .....</b>    | <b>201,096</b>         | <b>201,096</b>           |
|             |                        | <b>TOTAL RESEARCH, DEVELOPMENT, TEST &amp; EVAL, DW</b> | <b>226,096</b>         | <b>226,096</b>           |
|             |                        | <b>UNDISTRIBUTED</b>                                    |                        |                          |
|             |                        | <b>UNDISTRIBUTED</b>                                    |                        |                          |
| 999         | 999999                 | UNDISTRIBUTED .....                                     |                        | -64,100                  |
|             |                        | ERI costs transfer from OCO to base .....               |                        | [-64,100]                |
|             |                        | <b>SUBTOTAL UNDISTRIBUTED .....</b>                     |                        | <b>-64,100</b>           |
|             |                        | <b>TOTAL UNDISTRIBUTED .....</b>                        |                        | <b>-64,100</b>           |
|             |                        | <b>TOTAL RDT&amp;E .....</b>                            | <b>611,187</b>         | <b>547,087</b>           |

1 **TITLE XLIII—OPERATION AND**  
2 **MAINTENANCE**  
3 **SEC. 4301. OPERATION AND MAINTENANCE.**

**SEC. 4301. OPERATION AND MAINTENANCE  
(In Thousands of Dollars)**

| <i>Line</i> | <i>Item</i>   | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|-------------|---|------------------------|--------------------------|
|             | <b>OPERATION &amp; MAINTENANCE, ARMY</b>                          |                        |                          |
|             | <b>OPERATING FORCES</b>   |                        |                          |
| 010         | MANEUVER UNITS .....  | 1,455,366              | 1,567,545                |
|             | UFR: Convert IBCT to ABCT .....                                   |                        | [27,000]                 |
|             | UFR: Readiness to execute NMS .....                               |                        | [44,179]                 |
|             | UFR: Stryker Vehicle training .....                               |                        | [20,000]                 |
|             | UFR: Support 16th ABCT .....                                      |                        | [21,000]                 |
| 020         | MODULAR SUPPORT BRIGADES .....                                    | 105,147                | 118,020                  |
|             | UFR: Readiness to execute NMS .....                               |                        | [12,873]                 |
| 030         | ECHELONS ABOVE BRIGADE .....                                      | 604,117                | 751,335                  |
|             | UFR: NETCOM HQ .....  |                        | [13]                     |
|             | UFR: Readiness to execute NMS .....                               |                        | [147,205]                |
| 040         | THEATER LEVEL ASSETS .....  | 793,217                | 836,222                  |
|             | UFR: 3% increase to Decisive Action training .....                |                        | [5,244]                  |
|             | UFR: Readiness to execute NMS .....                               |                        | [28,327]                 |
|             | UFR: Support Equipment .....                                      |                        | [9,434]                  |
| 050         | LAND FORCES OPERATIONS SUPPORT .....                              | 1,169,478              | 1,169,478                |
| 060         | AVIATION ASSETS .....   | 1,496,503              | 1,496,503                |
| 070         | FORCE READINESS OPERATIONS SUPPORT .....                          | 3,675,901              | 3,725,401                |
|             | UFR: Funding to support 6k additional endstrength .....           |                        | [680]                    |
|             | UFR: Organizational Clothing & Indiv. Equipment maintenance ..... |                        | [44,215]                 |
|             | UFR: Support Equipment .....                                      |                        | [4,605]                  |
| 080         | LAND FORCES SYSTEMS READINESS .....                               | 466,720                | 471,592                  |
|             | UFR: Medical equipment .....                                      |                        | [4,872]                  |
| 090         | LAND FORCES DEPOT MAINTENANCE .....                               | 1,443,516              | 1,521,185                |
|             | UFR: Depot Maintenance .....                                      |                        | [77,669]                 |
| 100         | BASE OPERATIONS SUPPORT .....                                     | 8,080,357              | 8,171,076                |
|             | UFR: Engineering Services .....                                   |                        | [36,949]                 |
|             | UFR: IT Services NEC C4IM .....                                   |                        | [22,000]                 |
|             | UFR: Support 6k additional endstrength .....                      |                        | [31,770]                 |
| 110         | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....         | 3,401,155              | 4,002,972                |
|             | UFR: Address facility restoration backlog .....                   |                        | [70,427]                 |
|             | UFR: FSRM increases .....   |                        | [481,210]                |
|             | UFR: Support 6k additional endstrength .....                      |                        | [50,180]                 |
| 120         | MANAGEMENT AND OPERATIONAL HEADQUARTERS .....                     | 443,790                | 443,790                  |
| 180         | US AFRICA COMMAND .....   | 225,382                | 225,382                  |
| 190         | US EUROPEAN COMMAND .....   | 141,352                | 141,352                  |
| 200         | US SOUTHERN COMMAND .....   | 190,811                | 190,811                  |
| 210         | US FORCES KOREA .....   | 59,578                 | 59,578                   |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                            | <b>23,752,390</b>      | <b>24,892,242</b>        |

**MOBILIZATION**

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>   | <b>FY 2018<br/>Request</b> | <b>Senate<br/>Authorized</b> |
|-------------|---|----------------------------|------------------------------|
| 220         | STRATEGIC MOBILITY .....                                  | 346,667                    | 347,791                      |
|             | UFR: Readiness increase .....                             |                            | [1,124]                      |
| 230         | ARMY PREPOSITIONED STOCKS .....                           | 422,108                    | 427,346                      |
|             | UFR: Readiness increase .....                             |                            | [5,238]                      |
| 240         | INDUSTRIAL PREPAREDNESS .....                             | 7,750                      | 7,750                        |
|             | <b>SUBTOTAL MOBILIZATION .....</b>                        | <b>776,525</b>             | <b>782,887</b>               |
|             | <b>TRAINING AND RECRUITING</b>                            |                            |                              |
| 250         | OFFICER ACQUISITION .....                                 | 137,556                    | 137,556                      |
| 260         | RECRUIT TRAINING .....                                    | 58,872                     | 60,264                       |
|             | UFR: Recruit training .....                               |                            | [1,392]                      |
| 270         | ONE STATION UNIT TRAINING .....                           | 58,035                     | 59,921                       |
|             | UFR: One Station Unit Training .....                      |                            | [1,886]                      |
| 280         | SENIOR RESERVE OFFICERS TRAINING CORPS .....              | 505,089                    | 505,762                      |
|             | UFR: Supports commissions for increase end strength ..... |                            | [673]                        |
| 290         | SPECIALIZED SKILL TRAINING .....                          | 1,015,541                  | 1,030,834                    |
|             | UFR: Supports increased capacity .....                    |                            | [15,293]                     |
| 300         | FLIGHT TRAINING .....                                     | 1,124,115                  | 1,124,115                    |
| 310         | PROFESSIONAL DEVELOPMENT EDUCATION .....                  | 220,688                    | 220,688                      |
| 320         | TRAINING SUPPORT .....                                    | 618,164                    | 621,690                      |
|             | UFR: Supports increased capacity .....                    |                            | [1,526]                      |
|             | UFR: Supports Initial Entry Training .....                |                            | [2,000]                      |
| 330         | RECRUITING AND ADVERTISING .....                          | 613,586                    | 624,259                      |
|             | UFR: Supports increased capacity .....                    |                            | [10,673]                     |
| 340         | EXAMINING .....   | 171,223                    | 171,223                      |
| 350         | OFF-DUTY AND VOLUNTARY EDUCATION .....                    | 214,738                    | 215,088                      |
|             | UFR: Supports increased capacity .....                    |                            | [350]                        |
| 360         | CIVILIAN EDUCATION AND TRAINING .....                     | 195,099                    | 195,099                      |
| 370         | JUNIOR RESERVE OFFICER TRAINING CORPS .....               | 176,116                    | 176,116                      |
|             | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>             | <b>5,108,822</b>           | <b>5,142,615</b>             |
|             | <b>ADMIN &amp; SRVWIDE ACTIVITIES</b>                     |                            |                              |
| 390         | SERVICEWIDE TRANSPORTATION .....                          | 555,502                    | 652,065                      |
|             | UFR: Supports transportation equipment .....              |                            | [96,563]                     |
| 400         | CENTRAL SUPPLY ACTIVITIES .....                           | 894,208                    | 894,208                      |
| 410         | LOGISTIC SUPPORT ACTIVITIES .....                         | 715,462                    | 715,462                      |
| 420         | AMMUNITION MANAGEMENT .....                               | 446,931                    | 446,931                      |
| 430         | ADMINISTRATION .....                                      | 493,616                    | 493,616                      |
| 440         | SERVICEWIDE COMMUNICATIONS .....                          | 2,084,922                  | 2,094,922                    |
|             | UFR: Army Regional Cyber Centers capabilities .....       |                            | [10,000]                     |
| 450         | MANPOWER MANAGEMENT .....                                 | 259,588                    | 259,588                      |
| 460         | OTHER PERSONNEL SUPPORT .....                             | 326,387                    | 326,387                      |
| 470         | OTHER SERVICE SUPPORT .....                               | 1,087,602                  | 1,046,202                    |
|             | UFR: Funds DFAS increases .....                           |                            | [3,600]                      |
|             | Under execution .....                                     |                            | [-45,000]                    |
| 480         | ARMY CLAIMS ACTIVITIES .....                              | 210,514                    | 214,014                      |
|             | UFR: Supports JAG increase needs .....                    |                            | [3,500]                      |
| 490         | REAL ESTATE MANAGEMENT .....                              | 243,584                    | 256,737                      |
|             | UFR: Supports engineering services .....                  |                            | [13,153]                     |
| 500         | FINANCIAL MANAGEMENT AND AUDIT READINESS .....            | 284,592                    | 284,592                      |
| 510         | INTERNATIONAL MILITARY HEADQUARTERS .....                 | 415,694                    | 415,694                      |
| 520         | MISC. SUPPORT OF OTHER NATIONS .....                      | 46,856                     | 46,856                       |
| 9999        | CLASSIFIED PROGRAMS .....                                 | 1,242,222                  | 1,242,222                    |
|             | <b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>      | <b>9,307,680</b>           | <b>9,389,496</b>             |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, ARMY .....</b>      | <b>38,945,417</b>          | <b>40,207,240</b>            |
|             | <b>OPERATION &amp; MAINTENANCE, ARMY RES</b>              |                            |                              |
|             | <b>OPERATING FORCES</b>                                   |                            |                              |
| 010         | MODULAR SUPPORT BRIGADES .....                            | 11,461                     | 11,747                       |
|             | UFR: ARNG Operational Demand Model to 82% .....           |                            | [286]                        |
| 020         | ECHELONS ABOVE BRIGADE .....                              | 577,410                    | 593,053                      |
|             | UFR: ARNG Operational Demand Model to 82% .....           |                            | [15,643]                     |
| 030         | THEATER LEVEL ASSETS .....                                | 117,298                    | 122,016                      |
|             | UFR: Operational Demand Model to 82% .....                |                            | [4,718]                      |
| 040         | LAND FORCES OPERATIONS SUPPORT .....                      | 552,016                    | 564,934                      |
|             | UFR: Operational Demand Model to 82% .....                |                            | [12,918]                     |
| 050         | AVIATION ASSETS .....                                     | 80,302                     | 81,461                       |
|             | UFR: Increases aviation contract support .....            |                            | [845]                        |
|             | UFR: Operational Demand Model to 82% .....                |                            | [314]                        |

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>  | <b>FY 2018<br/>Request</b> | <b>Senate<br/>Authorized</b> |
|-------------|--|----------------------------|------------------------------|
| 060         | FORCE READINESS OPERATIONS SUPPORT .....                       | 399,035                    | 403,635                      |
|             | UFR: Support additional capacity .....                         |                            | [4,600]                      |
| 070         | LAND FORCES SYSTEMS READINESS .....                            | 102,687                    | 102,687                      |
| 080         | LAND FORCES DEPOT MAINTENANCE .....                            | 56,016                     | 56,016                       |
| 090         | BASE OPERATIONS SUPPORT .....                                  | 599,947                    | 600,497                      |
|             | UFR: Support 6k additional endstrength .....                   |                            | [550]                        |
| 100         | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA-<br>TION ..... | 273,940                    | 304,690                      |
|             | UFR: Address facility restoration backlog .....                |                            | [4,465]                      |
|             | UFR: Increased facilities sustainment .....                    |                            | [26,285]                     |
| 110         | MANAGEMENT AND OPERATIONAL HEADQUARTERS .....                  | 22,909                     | 22,909                       |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                         | <b>2,793,021</b>           | <b>2,863,645</b>             |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                            |                            |                              |
| 120         | SERVICEWIDE TRANSPORTATION .....                               | 11,116                     | 11,116                       |
| 130         | ADMINISTRATION .....   | 17,962                     | 17,962                       |
| 140         | SERVICEWIDE COMMUNICATIONS .....                               | 18,550                     | 20,950                       |
|             | UFR: Equipment support .....                                   |                            | [2,400]                      |
| 150         | MANPOWER MANAGEMENT .....                                      | 6,166                      | 6,166                        |
| 160         | RECRUITING AND ADVERTISING .....                               | 60,027                     | 60,027                       |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>             | <b>113,821</b>             | <b>116,221</b>               |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES .....</b>       | <b>2,906,842</b>           | <b>2,979,866</b>             |
|             | <b>OPERATION &amp; MAINTENANCE, ARNG<br/>OPERATING FORCES</b>  |                            |                              |
| 010         | MANEUVER UNITS .....   | 777,883                    | 794,862                      |
|             | UFR: Readiness increase .....                                  |                            | [16,979]                     |
| 020         | MODULAR SUPPORT BRIGADES .....                                 | 190,639                    | 190,639                      |
| 030         | ECHELONS ABOVE BRIGADE .....                                   | 807,557                    | 820,656                      |
|             | UFR: Operational Demand Model to 82% .....                     |                            | [13,099]                     |
| 040         | THEATER LEVEL ASSETS .....                                     | 85,476                     | 98,569                       |
|             | UFR: Operational Demand Model to 82% .....                     |                            | [13,093]                     |
| 050         | LAND FORCES OPERATIONS SUPPORT .....                           | 36,672                     | 38,897                       |
|             | UFR: Increased aviation readiness .....                        |                            | [2,225]                      |
| 060         | AVIATION ASSETS .....  | 956,381                    | 986,379                      |
|             | UFR: Aviation readiness for AH64 .....                         |                            | [24,828]                     |
|             | UFR: Aviation readiness for TAB .....                          |                            | [2,040]                      |
|             | UFR: Aviation readiness for ECAB .....                         |                            | [3,130]                      |
| 070         | FORCE READINESS OPERATIONS SUPPORT .....                       | 777,756                    | 777,856                      |
|             | UFR: Supports increased capacity .....                         |                            | [100]                        |
| 080         | LAND FORCES SYSTEMS READINESS .....                            | 51,506                     | 51,506                       |
| 090         | LAND FORCES DEPOT MAINTENANCE .....                            | 244,942                    | 244,942                      |
| 100         | BASE OPERATIONS SUPPORT .....                                  | 1,144,726                  | 1,148,576                    |
|             | UFR: Support increase end-strength .....                       |                            | [3,850]                      |
| 110         | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA-<br>TION ..... | 781,895                    | 876,734                      |
|             | UFR: Address facility restoration backlog .....                |                            | [20,108]                     |
|             | UFR: Facilities Sustainment improvement .....                  |                            | [74,731]                     |
| 120         | MANAGEMENT AND OPERATIONAL HEADQUARTERS .....                  | 999,052                    | 999,292                      |
|             | UFR: Support increase end-strength .....                       |                            | [240]                        |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                         | <b>6,854,485</b>           | <b>7,028,908</b>             |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                            |                            |                              |
| 130         | SERVICEWIDE TRANSPORTATION .....                               | 7,703                      | 7,703                        |
| 140         | ADMINISTRATION .....   | 79,236                     | 79,236                       |
| 150         | SERVICEWIDE COMMUNICATIONS .....                               | 85,160                     | 85,160                       |
| 160         | MANPOWER MANAGEMENT .....                                      | 8,654                      | 8,654                        |
| 170         | OTHER PERSONNEL SUPPORT .....                                  | 268,839                    | 277,339                      |
|             | UFR: Behavior Health Specialists .....                         |                            | [8,500]                      |
| 180         | REAL ESTATE MANAGEMENT .....                                   | 3,093                      | 3,093                        |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>             | <b>452,685</b>             | <b>461,185</b>               |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>           | <b>7,307,170</b>           | <b>7,490,093</b>             |
|             | <b>OPERATION &amp; MAINTENANCE, NAVY<br/>OPERATING FORCES</b>  |                            |                              |
| 010         | MISSION AND OTHER FLIGHT OPERATIONS .....                      | 5,544,165                  | 5,544,165                    |
| 020         | FLEET AIR TRAINING .....                                       | 2,075,000                  | 2,075,000                    |
| 030         | AVIATION TECHNICAL DATA & ENGINEERING SERVICES .....           | 46,801                     | 46,801                       |

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

| <b>Line</b> | <b>Item</b>   | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|-------------|---|------------------------|--------------------------|
| 040         | AIR OPERATIONS AND SAFETY SUPPORT .....                             | 119,624                | 119,624                  |
| 050         | AIR SYSTEMS SUPPORT .....   | 552,536                | 594,536                  |
|             | UFR: Fund to Max Executable .....                                   |                        | [42,000]                 |
| 060         | AIRCRAFT DEPOT MAINTENANCE .....                                    | 1,088,482              | 1,088,482                |
| 070         | AIRCRAFT DEPOT OPERATIONS SUPPORT .....                             | 40,584                 | 40,584                   |
| 080         | AVIATION LOGISTICS .....  | 723,786                | 843,786                  |
|             | UFR: Fund to Max Executable .....                                   |                        | [120,000]                |
| 090         | MISSION AND OTHER SHIP OPERATIONS .....                             | 4,067,334              | 4,089,334                |
|             | UFR: Combat Logistics Maintenance Funding TAO-187 .....             |                        | [22,000]                 |
| 100         | SHIP OPERATIONS SUPPORT & TRAINING .....                            | 977,701                | 977,701                  |
| 110         | SHIP DEPOT MAINTENANCE .....  | 7,165,858              | 7,165,858                |
| 120         | SHIP DEPOT OPERATIONS SUPPORT .....                                 | 2,193,851              | 2,193,851                |
| 130         | COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE .....                  | 1,288,094              | 1,288,094                |
| 150         | SPACE SYSTEMS AND SURVEILLANCE .....                                | 206,678                | 206,678                  |
| 160         | WARFARE TACTICS .....   | 621,581                | 622,581                  |
|             | UFR: Operational range Clearance and Environmental Compliance ..... |                        | [1,000]                  |
| 170         | OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....                      | 370,681                | 370,681                  |
| 180         | COMBAT SUPPORT FORCES .....   | 1,437,966              | 1,437,966                |
| 190         | EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT .....            | 162,705                | 162,705                  |
| 210         | COMBATANT COMMANDERS CORE OPERATIONS .....                          | 65,108                 | 65,108                   |
| 220         | COMBATANT COMMANDERS DIRECT MISSION SUPPORT .....                   | 86,892                 | 86,892                   |
| 230         | MILITARY INFORMATION SUPPORT OPERATIONS .....                       | 8,427                  | 8,427                    |
| 240         | CYBERSPACE ACTIVITIES .....   | 385,212                | 385,212                  |
| 260         | FLEET BALLISTIC MISSILE .....                                       | 1,278,456              | 1,278,456                |
| 280         | WEAPONS MAINTENANCE .....   | 745,680                | 750,680                  |
|             | UFR: Munitions wholeness .....                                      |                        | [5,000]                  |
| 290         | OTHER WEAPON SYSTEMS SUPPORT .....                                  | 380,016                | 380,016                  |
| 300         | ENTERPRISE INFORMATION .....  | 914,428                | 882,428                  |
|             | Under execution .....   |                        | [-32,000]                |
| 310         | SUSTAINMENT, RESTORATION AND MODERNIZATION .....                    | 1,905,679              | 2,447,860                |
|             | NHHC Reduction .....  |                        | [-29,000]                |
|             | UFR: 88% of Facility Sustainment requirements .....                 |                        | [293,181]                |
|             | UFR: FSRM Increases .....   |                        | [218,000]                |
|             | UFR: MPT&E Management System IT Modernization .....                 |                        | [60,000]                 |
| 320         | BASE OPERATING SUPPORT .....  | 4,333,688              | 4,384,688                |
|             | UFR: FSRM Increases .....   |                        | [28,000]                 |
|             | UFR: Operational range Clearance and Environmental Compliance ..... |                        | [11,000]                 |
|             | UFR: Port Operations Service Craft Maintenance .....                |                        | [12,000]                 |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                              | <b>38,787,013</b>      | <b>39,538,194</b>        |
|             | <b>MOBILIZATION</b>   |                        |                          |
| 330         | SHIP PREPOSITIONING AND SURGE .....                                 | 417,450                | 427,450                  |
|             | UFR: Strategic Sealift .....  |                        | [10,000]                 |
| 360         | SHIP ACTIVATIONS/INACTIVATIONS .....                                | 198,341                | 198,341                  |
| 370         | EXPEDITIONARY HEALTH SERVICES SYSTEMS .....                         | 66,849                 | 66,849                   |
| 390         | COAST GUARD SUPPORT .....   | 21,870                 | 21,870                   |
|             | <b>SUBTOTAL MOBILIZATION .....</b>                                  | <b>704,510</b>         | <b>714,510</b>           |
|             | <b>TRAINING AND RECRUITING</b>                                      |                        |                          |
| 400         | OFFICER ACQUISITION .....   | 143,924                | 143,924                  |
| 410         | RECRUIT TRAINING .....  | 8,975                  | 8,975                    |
| 420         | RESERVE OFFICERS TRAINING CORPS .....                               | 144,708                | 144,708                  |
| 430         | SPECIALIZED SKILL TRAINING .....                                    | 812,708                | 812,708                  |
| 450         | PROFESSIONAL DEVELOPMENT EDUCATION .....                            | 180,448                | 180,448                  |
| 460         | TRAINING SUPPORT .....  | 234,596                | 234,596                  |
| 470         | RECRUITING AND ADVERTISING .....                                    | 177,517                | 177,517                  |
| 480         | OFF-DUTY AND VOLUNTARY EDUCATION .....                              | 103,154                | 103,154                  |
| 490         | CIVILIAN EDUCATION AND TRAINING .....                               | 72,216                 | 72,216                   |
| 500         | JUNIOR ROTC .....   | 53,262                 | 53,262                   |
|             | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>                       | <b>1,931,508</b>       | <b>1,931,508</b>         |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                                 |                        |                          |
| 510         | ADMINISTRATION .....  | 1,135,429              | 1,135,429                |
| 530         | CIVILIAN MANPOWER AND PERSONNEL MANAGEMENT .....                    | 149,365                | 149,365                  |
| 540         | MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....                    | 386,749                | 386,749                  |
| 590         | SERVICEMAN TRANSPORTATION .....                                     | 165,301                | 165,301                  |
| 610         | PLANNING, ENGINEERING, AND PROGRAM SUPPORT .....                    | 311,616                | 311,616                  |

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>  | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|-------------|--|------------------------|--------------------------|
| 620         | ACQUISITION, LOGISTICS, AND OVERSIGHT .....                  | 665,580                | 665,580                  |
| 660         | INVESTIGATIVE AND SECURITY SERVICES .....                    | 659,143                | 659,143                  |
| 9999        | CLASSIFIED PROGRAMS .....                                    | 543,193                | 543,193                  |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>           | <b>4,016,376</b>       | <b>4,016,376</b>         |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>         | <b>45,439,407</b>      | <b>46,200,588</b>        |
|             | <b>OPERATION &amp; MAINTENANCE, MARINE CORPS</b>             |                        |                          |
|             | <b>OPERATING FORCES</b>                                      |                        |                          |
| 010         | OPERATIONAL FORCES .....                                     | 967,949                | 967,949                  |
| 020         | FIELD LOGISTICS .....  | 1,065,090              | 1,068,190                |
|             | UFR: Long Endurance Small UAS .....                          |                        | [3,100]                  |
| 030         | DEPOT MAINTENANCE .....                                      | 286,635                | 286,635                  |
| 040         | MARITIME PREPOSITIONING .....                                | 85,577                 | 85,577                   |
| 050         | CYBERSPACE ACTIVITIES .....                                  | 181,518                | 181,518                  |
| 060         | SUSTAINMENT, RESTORATION & MODERNIZATION .....               | 785,264                | 829,055                  |
|             | UFR: Facilities Sustainment to 80% .....                     |                        | [43,791]                 |
| 070         | BASE OPERATING SUPPORT .....                                 | 2,196,252              | 2,196,252                |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                       | <b>5,568,285</b>       | <b>5,615,176</b>         |
|             | <b>TRAINING AND RECRUITING</b>                               |                        |                          |
| 080         | RECRUIT TRAINING .....                                       | 16,163                 | 16,163                   |
| 090         | OFFICER ACQUISITION .....                                    | 1,154                  | 1,154                    |
| 100         | SPECIALIZED SKILL TRAINING .....                             | 100,398                | 100,398                  |
| 110         | PROFESSIONAL DEVELOPMENT EDUCATION .....                     | 46,474                 | 46,474                   |
| 120         | TRAINING SUPPORT .....                                       | 405,039                | 405,039                  |
| 130         | RECRUITING AND ADVERTISING .....                             | 201,601                | 201,601                  |
| 140         | OFF-DUTY AND VOLUNTARY EDUCATION .....                       | 32,045                 | 32,045                   |
| 150         | JUNIOR ROTC .....  | 24,394                 | 24,394                   |
|             | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>                | <b>827,268</b>         | <b>827,268</b>           |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                          |                        |                          |
| 160         | SERVICEWIDE TRANSPORTATION .....                             | 28,827                 | 28,827                   |
| 170         | ADMINISTRATION .....   | 378,683                | 378,683                  |
| 190         | ACQUISITION AND PROGRAM MANAGEMENT .....                     | 77,684                 | 77,684                   |
| 9999        | CLASSIFIED PROGRAMS .....                                    | 52,661                 | 52,661                   |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>           | <b>537,855</b>         | <b>537,855</b>           |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b> | <b>6,933,408</b>       | <b>6,980,299</b>         |
|             | <b>OPERATION &amp; MAINTENANCE, NAVY RES</b>                 |                        |                          |
|             | <b>OPERATING FORCES</b>                                      |                        |                          |
| 010         | MISSION AND OTHER FLIGHT OPERATIONS .....                    | 596,876                | 596,876                  |
| 020         | INTERMEDIATE MAINTENANCE .....                               | 5,902                  | 5,902                    |
| 030         | AIRCRAFT DEPOT MAINTENANCE .....                             | 94,861                 | 94,861                   |
| 040         | AIRCRAFT DEPOT OPERATIONS SUPPORT .....                      | 381                    | 381                      |
| 050         | AVIATION LOGISTICS .....                                     | 13,822                 | 13,822                   |
| 060         | SHIP OPERATIONS SUPPORT & TRAINING .....                     | 571                    | 571                      |
| 070         | COMBAT COMMUNICATIONS .....                                  | 16,718                 | 16,718                   |
| 080         | COMBAT SUPPORT FORCES .....                                  | 118,079                | 118,079                  |
| 090         | CYBERSPACE ACTIVITIES .....                                  | 308                    | 308                      |
| 100         | ENTERPRISE INFORMATION .....                                 | 28,650                 | 28,650                   |
| 110         | SUSTAINMENT, RESTORATION AND MODERNIZATION .....             | 86,354                 | 86,354                   |
| 120         | BASE OPERATING SUPPORT .....                                 | 103,596                | 103,596                  |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>                       | <b>1,066,118</b>       | <b>1,066,118</b>         |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                          |                        |                          |
| 130         | ADMINISTRATION .....   | 1,371                  | 1,371                    |
| 140         | MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....             | 13,289                 | 13,289                   |
| 160         | ACQUISITION AND PROGRAM MANAGEMENT .....                     | 3,229                  | 3,229                    |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>           | <b>17,889</b>          | <b>17,889</b>            |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES .....</b>     | <b>1,084,007</b>       | <b>1,084,007</b>         |
|             | <b>OPERATION &amp; MAINTENANCE, MC RESERVE</b>               |                        |                          |
|             | <b>OPERATING FORCES</b>                                      |                        |                          |
| 010         | OPERATING FORCES .....                                       | 103,468                | 103,468                  |
| 020         | DEPOT MAINTENANCE .....                                      | 18,794                 | 18,794                   |
| 030         | SUSTAINMENT, RESTORATION AND MODERNIZATION .....             | 32,777                 | 33,854                   |

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|-------------|--|------------------------|--------------------------|
|             | UFR: Facilities Sustainment to 80% .....                       |                        | [1,077]                  |
| 040         | BASE OPERATING SUPPORT .....                                   | 111,213                | 111,213                  |
|             | <b>SUBTOTAL OPERATING FORCES</b> .....                         | <b>266,252</b>         | <b>267,329</b>           |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>                            |                        |                          |
| 060         | ADMINISTRATION .....   | 12,585                 | 12,585                   |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES</b> .....             | <b>12,585</b>          | <b>12,585</b>            |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, MC RESERVE</b>           | <b>278,837</b>         | <b>279,914</b>           |
|             | <b>OPERATION &amp; MAINTENANCE, AIR FORCE OPERATING FORCES</b> |                        |                          |
| 010         | PRIMARY COMBAT FORCES .....                                    | 694,702                | 707,902                  |
|             | UFR: NC3 & Other Nuclear Requirements .....                    |                        | [9,000]                  |
|             | UFR: PACAF Contingency Response Group .....                    |                        | [4,200]                  |
| 020         | COMBAT ENHANCEMENT FORCES .....                                | 1,392,326              | 1,576,426                |
|             | Air and Space Operations Center .....                          |                        | [104,800]                |
|             | UFR: Airmen Readiness Training .....                           |                        | [8,900]                  |
|             | UFR: Cyber Requirements .....                                  |                        | [70,400]                 |
| 030         | AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....           | 1,128,640              | 1,272,940                |
|             | UFR: Airmen Readiness Training .....                           |                        | [93,100]                 |
|             | UFR: Contract Adversary Air .....                              |                        | [51,200]                 |
| 040         | DEPOT PURCHASE EQUIPMENT MAINTENANCE .....                     | 2,755,367              | 2,915,967                |
|             | UFR: Airmen Readiness Training .....                           |                        | [7,100]                  |
|             | UFR: WSS funded at 89% .....                                   |                        | [153,500]                |
| 050         | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION .....      | 3,292,553              | 3,292,553                |
| 060         | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT ..             | 6,555,186              | 6,883,686                |
|             | UFR: E-4B Maintenance personnel .....                          |                        | [1,000]                  |
|             | UFR: EC-130H Compass Call .....                                |                        | [20,000]                 |
|             | UFR: Sustain 3 additional C-37B .....                          |                        | [11,300]                 |
|             | UFR: Weapon Systems Sustainment .....                          |                        | [296,200]                |
| 070         | FLYING HOUR PROGRAM .....                                      | 4,135,330              | 4,135,330                |
| 080         | BASE SUPPORT .....   | 5,985,232              | 6,984,715                |
|             | UFR: Cyber Requirements .....                                  |                        | [152,600]                |
|             | UFR: Facility Restoration Modernization .....                  |                        | [493,883]                |
|             | UFR: Funds mission readiness at installations .....            |                        | [146,000]                |
|             | UFR: Funds Operational Communications and JIE conversion ....  |                        | [190,000]                |
|             | UFR: PACAF Contingency Response Group .....                    |                        | [6,700]                  |
|             | UFR: Transient Alert Contracts .....                           |                        | [10,300]                 |
| 090         | GLOBAL C3I AND EARLY WARNING .....                             | 847,516                | 932,216                  |
|             | UFR: Cyber Requirements .....                                  |                        | [10,700]                 |
|             | UFR: NC3 & Other Nuclear Requirements .....                    |                        | [66,000]                 |
|             | UFR: SBIRS Requirements .....                                  |                        | [8,000]                  |
| 100         | OTHER COMBAT OPS SPT PROGRAMS .....                            | 1,131,817              | 1,173,017                |
|             | UFR: Cyber Requirements .....                                  |                        | [18,300]                 |
|             | UFR: Eagle Vision sustainment .....                            |                        | [6,100]                  |
|             | UFR: PACAF Contingency Response Group .....                    |                        | [16,800]                 |
| 120         | LAUNCH FACILITIES .....  | 175,457                | 175,457                  |
| 130         | SPACE CONTROL SYSTEMS .....                                    | 353,458                | 353,458                  |
| 160         | US NORTHCOM/NORAD .....  | 189,891                | 189,891                  |
| 170         | US STRATCOM .....  | 534,236                | 534,236                  |
| 180         | US CYBERCOM .....  | 357,830                | 357,830                  |
| 190         | US CENTCOM .....   | 168,208                | 168,208                  |
| 200         | US SOCOM .....   | 2,280                  | 2,280                    |
| 210         | US TRANSCOM .....  | 533                    | 533                      |
| 9999        | CLASSIFIED PROGRAMS .....                                      | 1,091,655              | 1,091,655                |
|             | <b>SUBTOTAL OPERATING FORCES</b> .....                         | <b>30,792,217</b>      | <b>32,748,300</b>        |
|             | <b>MOBILIZATION</b>  |                        |                          |
| 220         | AIRLIFT OPERATIONS .....                                       | 1,570,697              | 1,572,497                |
|             | UFR: sustain 3 additional C-37B .....                          |                        | [1,800]                  |
| 230         | MOBILIZATION PREPAREDNESS .....                                | 130,241                | 176,691                  |
|             | UFR: PACAF Contingency Response Group .....                    |                        | [16,900]                 |
|             | UFR: Set the Theater (S/T) PACOM .....                         |                        | [29,550]                 |
|             | <b>SUBTOTAL MOBILIZATION</b> .....                             | <b>1,700,938</b>       | <b>1,749,188</b>         |
|             | <b>TRAINING AND RECRUITING</b>                                 |                        |                          |
| 270         | OFFICER ACQUISITION .....                                      | 113,722                | 113,722                  |
| 280         | RECRUIT TRAINING .....   | 24,804                 | 24,804                   |

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|-------------|--|----------------------------|------------------------------|
| 290         | RESERVE OFFICERS TRAINING CORPS (ROTC) .....   | 95,733                     | 95,733                       |
| 320         | SPECIALIZED SKILL TRAINING .....   | 395,476                    | 395,476                      |
| 330         | FLIGHT TRAINING .....  | 501,599                    | 501,599                      |
| 340         | PROFESSIONAL DEVELOPMENT EDUCATION .....   | 287,500                    | 287,500                      |
| 350         | TRAINING SUPPORT .....   | 91,384                     | 91,384                       |
| 370         | RECRUITING AND ADVERTISING .....   | 166,795                    | 166,795                      |
| 380         | EXAMINING .....  | 4,134                      | 4,134                        |
| 390         | OFF-DUTY AND VOLUNTARY EDUCATION .....   | 222,691                    | 222,691                      |
| 400         | CIVILIAN EDUCATION AND TRAINING .....  | 171,974                    | 171,974                      |
| 410         | JUNIOR ROTC .....  | 60,070                     | 60,070                       |
|             | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>  | <b>2,135,882</b>           | <b>2,135,882</b>             |
|             | <b>ADMIN &amp; SRVWD ACTIVITIES</b>  |                            |                              |
| 420         | LOGISTICS OPERATIONS .....   | 805,453                    | 805,453                      |
| 430         | TECHNICAL SUPPORT ACTIVITIES .....   | 127,379                    | 127,379                      |
| 470         | ADMINISTRATION .....   | 911,283                    | 911,283                      |
| 480         | SERVICEWIDE COMMUNICATIONS .....   | 432,172                    | 432,172                      |
| 490         | OTHER SERVICEWIDE ACTIVITIES .....   | 1,175,658                  | 1,175,658                    |
| 500         | CIVIL AIR PATROL .....   | 26,719                     | 26,719                       |
| 530         | INTERNATIONAL SUPPORT .....  | 76,878                     | 76,878                       |
| 540         | AIR FORCE WIDE UNDISTRIBUTED .....   | 0                          | 129,100                      |
|             | UFR: C&Y Tech Sustainment .....  |                            | [6,000]                      |
|             | UFR: Child and Youth Compliance .....  |                            | [35,000]                     |
|             | UFR: Food Service Capabilities .....   |                            | [43,200]                     |
|             | UFR: MWR Resiliency Capabilities .....   |                            | [40,000]                     |
|             | UFR: Violence Prevention Program .....   |                            | [4,900]                      |
| 9999        | CLASSIFIED PROGRAMS .....  | 1,244,653                  | 1,244,653                    |
|             | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>   | <b>4,800,195</b>           | <b>4,929,295</b>             |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE .....</b>  | <b>39,429,232</b>          | <b>41,562,665</b>            |
|             | <b>OPERATION &amp; MAINTENANCE, AF RESERVE</b>   |                            |                              |
|             | <b>OPERATING FORCES</b>  |                            |                              |
| 010         | PRIMARY COMBAT FORCES .....  | 1,801,007                  | 1,801,007                    |
| 020         | MISSION SUPPORT OPERATIONS .....   | 210,642                    | 210,642                      |
| 030         | DEPOT PURCHASE EQUIPMENT MAINTENANCE .....   | 403,867                    | 403,867                      |
| 040         | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA-<br>TION .....                                       | 124,951                    | 124,951                      |
| 050         | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT ..<br>UFR: Weapon Systems Sustainment .....          | 240,835                    | 266,635                      |
|             |  |                            | [25,800]                     |
| 060         | BASE SUPPORT .....   | 371,878                    | 405,878                      |
|             | UFR: Restore maintenance and repair .....  |                            | [34,000]                     |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>   | <b>3,153,180</b>           | <b>3,212,980</b>             |
|             | <b>ADMINISTRATION AND SERVICEWIDE ACTIVITIES</b>   |                            |                              |
| 070         | ADMINISTRATION .....   | 74,153                     | 74,153                       |
| 080         | RECRUITING AND ADVERTISING .....   | 19,522                     | 19,522                       |
| 090         | MILITARY MANPOWER AND PERS MGMT (ARPC) .....   | 12,765                     | 12,765                       |
| 100         | OTHER PERS SUPPORT (DISABILITY COMP) .....   | 7,495                      | 7,495                        |
| 110         | AUDIOVISUAL .....  | 392                        | 392                          |
|             | <b>SUBTOTAL ADMINISTRATION AND SERVICEWIDE<br/>ACTIVITIES .....</b>                                  | <b>114,327</b>             | <b>114,327</b>               |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, AF RESERVE ..</b>  | <b>3,267,507</b>           | <b>3,327,307</b>             |
|             | <b>OPERATION &amp; MAINTENANCE, ANG</b>  |                            |                              |
|             | <b>OPERATING FORCES</b>  |                            |                              |
| 010         | AIRCRAFT OPERATIONS .....  | 3,175,055                  | 3,175,055                    |
| 020         | MISSION SUPPORT OPERATIONS .....   | 746,082                    | 812,082                      |
|             | UFR: Facility and Communication Infrastructure .....   |                            | [66,000]                     |
| 030         | DEPOT PURCHASE EQUIPMENT MAINTENANCE .....   | 867,063                    | 867,063                      |
| 040         | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZA-<br>TION .....                                       | 325,090                    | 381,090                      |
|             | UFR: Sustainment, Restoration, Modernization (SRM) .....   |                            | [56,000]                     |
| 050         | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT ..<br>UFR: Increase Weapons System Sustainment ..... | 1,100,829                  | 1,159,529                    |
|             |  |                            | [58,700]                     |
| 060         | BASE SUPPORT .....   | 583,664                    | 651,664                      |
|             | UFR: Facility Restoration Modernization .....  |                            | [68,000]                     |
|             | <b>SUBTOTAL OPERATING FORCES .....</b>   | <b>6,797,783</b>           | <b>7,046,483</b>             |

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| <b>ADMINISTRATION AND SERVICE-WIDE ACTIVITIES</b>               |   |                        |                          |
| 070   | ADMINISTRATION .....  | 44,955                 | 44,955                   |
| 080   | RECRUITING AND ADVERTISING .....  | 97,230                 | 52,230                   |
|   | Advertising Reduction .....   |                        | [-45,000]                |
|   | <b>SUBTOTAL ADMINISTRATION AND SERVICE-WIDE ACTIVITIES</b> .....        | <b>142,185</b>         | <b>97,185</b>            |
|   | <b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b> .....                     | <b>6,939,968</b>       | <b>7,143,668</b>         |
| <b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b> |   |                        |                          |
| 010   | JOINT CHIEFS OF STAFF .....   | 440,853                | 440,853                  |
| 020   | JOINT CHIEFS OF STAFF—CE2T2 .....                                       | 551,511                | 551,511                  |
| 040   | SPECIAL OPERATIONS COMMAND/OPERATING FORCES .....                       | 5,008,274              | 5,008,274                |
|   | <b>SUBTOTAL OPERATING FORCES</b> .....                                  | <b>6,000,638</b>       | <b>6,000,638</b>         |
| <b>TRAINING AND RECRUITING</b>                                  |   |                        |                          |
| 050   | DEFENSE ACQUISITION UNIVERSITY .....                                    | 144,970                | 149,970                  |
|   | Increase for curriculum development .....                               |                        | [5,000]                  |
| 060   | JOINT CHIEFS OF STAFF .....   | 84,402                 | 84,402                   |
| 080   | SPECIAL OPERATIONS COMMAND/TRAINING AND RECRUITING .....                | 379,462                | 379,462                  |
|   | <b>SUBTOTAL TRAINING AND RECRUITING</b> .....                           | <b>608,834</b>         | <b>613,834</b>           |
| <b>ADMIN &amp; SRVWIDE ACTIVITIES</b>                           |   |                        |                          |
| 090   | CIVIL MILITARY PROGRAMS .....   | 183,000                | 208,000                  |
|   | Starbase .....  |                        | [25,000]                 |
| 110   | DEFENSE CONTRACT AUDIT AGENCY .....                                     | 597,836                | 597,836                  |
| 120   | DEFENSE CONTRACT MANAGEMENT AGENCY .....                                | 1,439,010              | 1,439,010                |
| 130   | DEFENSE HUMAN RESOURCES ACTIVITY .....                                  | 807,754                | 807,754                  |
| 140   | DEFENSE INFORMATION SYSTEMS AGENCY .....                                | 2,009,702              | 2,009,702                |
| 160   | DEFENSE LEGAL SERVICES AGENCY .....                                     | 24,207                 | 24,207                   |
| 170   | DEFENSE LOGISTICS AGENCY .....  | 400,422                | 400,422                  |
| 180   | DEFENSE MEDIA ACTIVITY .....  | 217,585                | 217,585                  |
| 190   | DEFENSE PERSONNEL ACCOUNTING AGENCY .....                               | 131,268                | 131,268                  |
| 200   | DEFENSE SECURITY COOPERATION AGENCY .....                               | 722,496                | 722,496                  |
| 210   | DEFENSE SECURITY SERVICE .....  | 683,665                | 683,665                  |
| 230   | DEFENSE TECHNOLOGY SECURITY ADMINISTRATION .....                        | 34,712                 | 34,712                   |
| 240   | DEFENSE THREAT REDUCTION AGENCY .....                                   | 542,604                | 542,604                  |
| 260   | DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....                          | 2,794,389              | 2,829,389                |
|   | Impact aid for children with severe disabilities .....                  |                        | [10,000]                 |
|   | Impact aid for schools with military dependent students .....           |                        | [25,000]                 |
| 270   | MISSILE DEFENSE AGENCY .....  | 504,058                | 504,058                  |
| 290   | OFFICE OF ECONOMIC ADJUSTMENT .....                                     | 57,840                 | 57,840                   |
| 300   | OFFICE OF THE SECRETARY OF DEFENSE .....                                | 1,612,244              | 1,621,244                |
|   | CDC Study .....   |                        | [7,000]                  |
|   | Readiness increase .....  |                        | [1,000]                  |
|   | Study on Air Force aircraft capacity and capabilities .....             |                        | [1,000]                  |
| 310   | SPECIAL OPERATIONS COMMAND/ADMIN & SVC-WIDE ACTIVITIES .....            | 94,273                 | 94,273                   |
| 320   | WASHINGTON HEADQUARTERS SERVICES .....                                  | 436,776                | 436,776                  |
| 9999  | CLASSIFIED PROGRAMS .....   | 14,806,404             | 14,806,404               |
|   | <b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....                    | <b>28,100,245</b>      | <b>28,169,245</b>        |
|   | <b>TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE</b> .....              | <b>34,709,717</b>      | <b>34,783,717</b>        |
| <b>MISCELLANEOUS APPROPRIATIONS</b>                             |   |                        |                          |
| <b>US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE</b>        |   |                        |                          |
| 010   | US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE .....                 | 14,538                 | 14,538                   |
|   | <b>SUBTOTAL US COURT OF APPEALS FOR THE ARMED FORCES, DEFENSE</b> ..... | <b>14,538</b>          | <b>14,538</b>            |
| <b>OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID</b>            |   |                        |                          |
| 010   | OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID .....                     | 104,900                | 104,900                  |
|   | <b>SUBTOTAL OVERSEAS HUMANITARIAN, DISASTER AND CIVIC AID</b> .....     | <b>104,900</b>         | <b>104,900</b>           |

**SEC. 4301. OPERATION AND MAINTENANCE**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>   | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|-------------|---|------------------------|--------------------------|
|             | <b>FORMER SOVIET UNION (FSU) THREAT REDUCTION</b>                   |                        |                          |
| 010         | FORMER SOVIET UNION (FSU) THREAT REDUCTION .....                    | 324,600                | 324,600                  |
|             | <b>SUBTOTAL FORMER SOVIET UNION (FSU) THREAT REDUCTION .....</b>    | <b>324,600</b>         | <b>324,600</b>           |
|             | <b>ENVIRONMENTAL RESTORATION, ARMY</b>                              |                        |                          |
| 050         | ENVIRONMENTAL RESTORATION, ARMY .....                               | 215,809                | 215,809                  |
|             | <b>SUBTOTAL ENVIRONMENTAL RESTORATION, ARMY .....</b>               | <b>215,809</b>         | <b>215,809</b>           |
|             | <b>ENVIRONMENTAL RESTORATION, NAVY</b>                              |                        |                          |
| 070         | ENVIRONMENTAL RESTORATION, NAVY .....                               | 281,415                | 281,415                  |
|             | <b>SUBTOTAL ENVIRONMENTAL RESTORATION, NAVY .....</b>               | <b>281,415</b>         | <b>281,415</b>           |
|             | <b>ENVIRONMENTAL RESTORATION, AIR FORCE</b>                         |                        |                          |
| 090         | ENVIRONMENTAL RESTORATION, AIR FORCE .....                          | 293,749                | 293,749                  |
|             | <b>SUBTOTAL ENVIRONMENTAL RESTORATION, AIR FORCE .....</b>          | <b>293,749</b>         | <b>293,749</b>           |
|             | <b>ENVIRONMENTAL RESTORATION, DEFENSE</b>                           |                        |                          |
| 110         | ENVIRONMENTAL RESTORATION, DEFENSE .....                            | 9,002                  | 9,002                    |
|             | <b>SUBTOTAL ENVIRONMENTAL RESTORATION, DEFENSE .....</b>            | <b>9,002</b>           | <b>9,002</b>             |
|             | <b>ENVIRONMENTAL RESTORATION FORMERLY USED SITES</b>                |                        |                          |
| 130         | ENVIRONMENTAL RESTORATION FORMERLY USED SITES .....                 | 208,673                | 208,673                  |
|             | <b>SUBTOTAL ENVIRONMENTAL RESTORATION FORMERLY USED SITES .....</b> | <b>208,673</b>         | <b>208,673</b>           |
|             | <b>TOTAL MISCELLANEOUS APPROPRIATIONS .....</b>                     | <b>1,452,686</b>       | <b>1,452,686</b>         |
|             | <b>UNDISTRIBUTED</b>  |                        |                          |
|             | <b>UNDISTRIBUTED</b>  |                        |                          |
| 999         | UNDISTRIBUTED .....   | 0                      | 1,411,595                |
|             | ERI costs transferred to base (except Ukraine assistance) .....     |                        | [2,121,300]              |
|             | Foreign Currency Fluctuations .....                                 |                        | [-313,315]               |
|             | Fuel Savings .....  |                        | [-396,390]               |
|             | <b>SUBTOTAL UNDISTRIBUTED .....</b>                                 | <b>0</b>               | <b>1,411,595</b>         |
|             | <b>TOTAL UNDISTRIBUTED .....</b>                                    | <b>0</b>               | <b>1,411,595</b>         |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE .....</b>                      | <b>188,694,198</b>     | <b>194,903,645</b>       |

**1 SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS**

**2 CONTINGENCY OPERATIONS.**

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>   | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|-------------|---|------------------------|--------------------------|
|             | <b>OPERATION &amp; MAINTENANCE, ARMY</b>                  |                        |                          |
|             | <b>OPERATING FORCES</b>                                   |                        |                          |
| 010         | MANEUVER UNITS .....                                      | 828,225                | 828,225                  |
| 030         | ECHELONS ABOVE BRIGADE .....                              | 25,474                 | 25,474                   |
| 040         | THEATER LEVEL ASSETS .....                                | 1,778,644              | 1,778,644                |
| 050         | LAND FORCES OPERATIONS SUPPORT .....                      | 260,575                | 260,575                  |
| 060         | AVIATION ASSETS .....                                     | 284,422                | 284,422                  |
| 070         | FORCE READINESS OPERATIONS SUPPORT .....                  | 2,784,525              | 2,784,525                |
| 080         | LAND FORCES SYSTEMS READINESS .....                       | 502,330                | 502,330                  |
| 090         | LAND FORCES DEPOT MAINTENANCE .....                       | 104,149                | 104,149                  |
| 100         | BASE OPERATIONS SUPPORT .....                             | 80,249                 | 80,249                   |
| 110         | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..... | 32,000                 | 32,000                   |
| 140         | ADDITIONAL ACTIVITIES .....                               | 6,151,378              | 6,151,378                |
| 150         | COMMANDERS EMERGENCY RESPONSE PROGRAM .....               | 5,000                  | 5,000                    |

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i>   | <i>Item</i>  | <i>FY 2018<br/>Request</i> | <i>Senate<br/>Authorized</i> |
|---|--|----------------------------|------------------------------|
| 160   | RESET .....  | 864,926                    | 864,926                      |
| 180   | US AFRICA COMMAND .....                                  | 186,567                    | 186,567                      |
| 190   | US EUROPEAN COMMAND .....                                | 44,250                     | 44,250                       |
|   | <b>SUBTOTAL OPERATING FORCES .....</b>                   | <b>13,932,714</b>          | <b>13,932,714</b>            |
| <b>MOBILIZATION</b>   |  |                            |                              |
| 230   | ARMY PREPOSITIONED STOCKS .....                          | 56,500                     | 56,500                       |
|   | <b>SUBTOTAL MOBILIZATION .....</b>                       | <b>56,500</b>              | <b>56,500</b>                |
| <b>ADMIN &amp; SRVWIDE ACTIVITIES</b>                             |  |                            |                              |
| 390   | SERVICEWIDE TRANSPORTATION .....                         | 755,029                    | 755,029                      |
| 400   | CENTRAL SUPPLY ACTIVITIES .....                          | 16,567                     | 16,567                       |
| 410   | LOGISTIC SUPPORT ACTIVITIES .....                        | 6,000                      | 6,000                        |
| 420   | AMMUNITION MANAGEMENT .....                              | 5,207                      | 5,207                        |
| 460   | OTHER PERSONNEL SUPPORT .....                            | 107,091                    | 107,091                      |
| 490   | REAL ESTATE MANAGEMENT .....                             | 165,280                    | 165,280                      |
| 9999  | CLASSIFIED PROGRAMS .....                                | 1,082,015                  | 1,082,015                    |
|   | <b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES .....</b>     | <b>2,137,189</b>           | <b>2,137,189</b>             |
|   | <b>TOTAL OPERATION &amp; MAINTENANCE, ARMY .....</b>     | <b>16,126,403</b>          | <b>16,126,403</b>            |
| <b>OPERATION &amp; MAINTENANCE, ARMY RES<br/>OPERATING FORCES</b> |  |                            |                              |
| 020   | ECHELONS ABOVE BRIGADE .....                             | 4,179                      | 4,179                        |
| 040   | LAND FORCES OPERATIONS SUPPORT .....                     | 2,132                      | 2,132                        |
| 060   | FORCE READINESS OPERATIONS SUPPORT .....                 | 779                        | 779                          |
| 090   | BASE OPERATIONS SUPPORT .....                            | 17,609                     | 17,609                       |
|   | <b>SUBTOTAL OPERATING FORCES .....</b>                   | <b>24,699</b>              | <b>24,699</b>                |
|   | <b>TOTAL OPERATION &amp; MAINTENANCE, ARMY RES .....</b> | <b>24,699</b>              | <b>24,699</b>                |
| <b>OPERATION &amp; MAINTENANCE, ARNG<br/>OPERATING FORCES</b>     |  |                            |                              |
| 010   | MANEUVER UNITS .....                                     | 41,731                     | 41,731                       |
| 020   | MODULAR SUPPORT BRIGADES .....                           | 762                        | 762                          |
| 030   | ECHELONS ABOVE BRIGADE .....                             | 11,855                     | 11,855                       |
| 040   | THEATER LEVEL ASSETS .....                               | 204                        | 204                          |
| 060   | AVIATION ASSETS .....                                    | 27,583                     | 27,583                       |
| 070   | FORCE READINESS OPERATIONS SUPPORT .....                 | 5,792                      | 5,792                        |
| 100   | BASE OPERATIONS SUPPORT .....                            | 18,507                     | 18,507                       |
| 120   | MANAGEMENT AND OPERATIONAL HEADQUARTERS .....            | 937                        | 937                          |
|   | <b>SUBTOTAL OPERATING FORCES .....</b>                   | <b>107,371</b>             | <b>107,371</b>               |
| <b>ADMIN &amp; SRVWD ACTIVITIES</b>                               |  |                            |                              |
| 150   | SERVICEWIDE COMMUNICATIONS .....                         | 740                        | 740                          |
|   | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>       | <b>740</b>                 | <b>740</b>                   |
|   | <b>TOTAL OPERATION &amp; MAINTENANCE, ARNG .....</b>     | <b>108,111</b>             | <b>108,111</b>               |
| <b>AFGHANISTAN SECURITY FORCES FUND<br/>MINISTRY OF DEFENSE</b>   |  |                            |                              |
| 010   | SUSTAINMENT .....  | 2,660,855                  | 2,660,855                    |
| 020   | INFRASTRUCTURE .....                                     | 21,000                     | 21,000                       |
| 030   | EQUIPMENT AND TRANSPORTATION .....                       | 684,786                    | 684,786                      |
| 040   | TRAINING AND OPERATIONS .....                            | 405,117                    | 405,117                      |
|   | <b>SUBTOTAL MINISTRY OF DEFENSE .....</b>                | <b>3,771,758</b>           | <b>3,771,758</b>             |
| <b>MINISTRY OF INTERIOR</b>                                       |  |                            |                              |
| 050   | SUSTAINMENT .....  | 955,574                    | 955,574                      |
| 060   | INFRASTRUCTURE .....                                     | 39,595                     | 39,595                       |
| 070   | EQUIPMENT AND TRANSPORTATION .....                       | 75,976                     | 75,976                       |
| 080   | TRAINING AND OPERATIONS .....                            | 94,612                     | 94,612                       |
|   | <b>SUBTOTAL MINISTRY OF INTERIOR .....</b>               | <b>1,165,757</b>           | <b>1,165,757</b>             |
|   | <b>TOTAL AFGHANISTAN SECURITY FORCES FUND .....</b>      | <b>4,937,515</b>           | <b>4,937,515</b>             |
| <b>OPERATION &amp; MAINTENANCE, NAVY<br/>OPERATING FORCES</b>     |  |                            |                              |
| 010   | MISSION AND OTHER FLIGHT OPERATIONS .....                | 412,710                    | 412,710                      |
| 030   | AVIATION TECHNICAL DATA & ENGINEERING SERVICES .....     | 1,750                      | 1,750                        |

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i>   | <i>Item</i>  | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|---|--|------------------------|--------------------------|
| 040   | AIR OPERATIONS AND SAFETY SUPPORT .....                      | 2,989                  | 2,989                    |
| 050   | AIR SYSTEMS SUPPORT .....                                    | 144,030                | 144,030                  |
| 060   | AIRCRAFT DEPOT MAINTENANCE .....                             | 211,196                | 211,196                  |
| 070   | AIRCRAFT DEPOT OPERATIONS SUPPORT .....                      | 1,921                  | 1,921                    |
| 080   | AVIATION LOGISTICS .....                                     | 102,834                | 102,834                  |
| 090   | MISSION AND OTHER SHIP OPERATIONS .....                      | 855,453                | 855,453                  |
| 100   | SHIP OPERATIONS SUPPORT & TRAINING .....                     | 19,627                 | 19,627                   |
| 110   | SHIP DEPOT MAINTENANCE .....                                 | 2,483,179              | 2,483,179                |
| 130   | COMBAT COMMUNICATIONS AND ELECTRONIC WARFARE .....           | 58,886                 | 58,886                   |
| 150   | SPACE SYSTEMS AND SURVEILLANCE .....                         | 4,400                  | 4,400                    |
| 160   | WARFARE TACTICS .....  | 21,550                 | 21,550                   |
| 170   | OPERATIONAL METEOROLOGY AND OCEANOGRAPHY .....               | 21,104                 | 21,104                   |
| 180   | COMBAT SUPPORT FORCES .....                                  | 605,936                | 605,936                  |
| 190   | EQUIPMENT MAINTENANCE AND DEPOT OPERATIONS SUPPORT .....     | 11,433                 | 11,433                   |
| 280   | WEAPONS MAINTENANCE .....                                    | 325,011                | 325,011                  |
| 290   | OTHER WEAPON SYSTEMS SUPPORT .....                           | 9,598                  | 9,598                    |
| 310   | SUSTAINMENT, RESTORATION AND MODERNIZATION .....             | 31,898                 | 31,898                   |
| 320   | BASE OPERATING SUPPORT .....                                 | 228,246                | 228,246                  |
|   | <b>SUBTOTAL OPERATING FORCES .....</b>                       | <b>5,553,751</b>       | <b>5,553,751</b>         |
| <b>MOBILIZATION</b>   |  |                        |                          |
| 360   | SHIP ACTIVATIONS/INACTIVATIONS .....                         | 1,869                  | 1,869                    |
| 370   | EXPEDITIONARY HEALTH SERVICES SYSTEMS .....                  | 11,905                 | 11,905                   |
| 390   | COAST GUARD SUPPORT .....                                    | 161,885                | 161,885                  |
|   | <b>SUBTOTAL MOBILIZATION .....</b>                           | <b>175,659</b>         | <b>175,659</b>           |
| <b>TRAINING AND RECRUITING</b>                                    |  |                        |                          |
| 430   | SPECIALIZED SKILL TRAINING .....                             | 43,369                 | 43,369                   |
|   | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>                | <b>43,369</b>          | <b>43,369</b>            |
| <b>ADMIN &amp; SRVWD ACTIVITIES</b>                               |  |                        |                          |
| 510   | ADMINISTRATION .....   | 3,217                  | 3,217                    |
| 540   | MILITARY MANPOWER AND PERSONNEL MANAGEMENT .....             | 7,356                  | 7,356                    |
| 590   | SERVICEWIDE TRANSPORTATION .....                             | 67,938                 | 67,938                   |
| 620   | ACQUISITION, LOGISTICS, AND OVERSIGHT .....                  | 9,446                  | 9,446                    |
| 660   | INVESTIGATIVE AND SECURITY SERVICES .....                    | 1,528                  | 1,528                    |
| 9999  | CLASSIFIED PROGRAMS .....                                    | 12,751                 | 12,751                   |
|   | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>           | <b>102,236</b>         | <b>102,236</b>           |
|   | <b>TOTAL OPERATION &amp; MAINTENANCE, NAVY .....</b>         | <b>5,875,015</b>       | <b>5,875,015</b>         |
| <b>OPERATION &amp; MAINTENANCE, MARINE CORPS OPERATING FORCES</b> |  |                        |                          |
| 010   | OPERATIONAL FORCES .....                                     | 710,790                | 710,790                  |
| 020   | FIELD LOGISTICS .....  | 242,150                | 242,150                  |
| 030   | DEPOT MAINTENANCE .....                                      | 52,000                 | 52,000                   |
| 070   | BASE OPERATING SUPPORT .....                                 | 17,529                 | 17,529                   |
|   | <b>SUBTOTAL OPERATING FORCES .....</b>                       | <b>1,022,469</b>       | <b>1,022,469</b>         |
| <b>TRAINING AND RECRUITING</b>                                    |  |                        |                          |
| 120   | TRAINING SUPPORT .....                                       | 29,421                 | 29,421                   |
|   | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>                | <b>29,421</b>          | <b>29,421</b>            |
| <b>ADMIN &amp; SRVWD ACTIVITIES</b>                               |  |                        |                          |
| 160   | SERVICEWIDE TRANSPORTATION .....                             | 61,600                 | 61,600                   |
| 9999  | CLASSIFIED PROGRAMS .....                                    | 3,150                  | 3,150                    |
|   | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>           | <b>64,750</b>          | <b>64,750</b>            |
|   | <b>TOTAL OPERATION &amp; MAINTENANCE, MARINE CORPS .....</b> | <b>1,116,640</b>       | <b>1,116,640</b>         |
| <b>OPERATION &amp; MAINTENANCE, NAVY RES OPERATING FORCES</b>     |  |                        |                          |
| 030   | AIRCRAFT DEPOT MAINTENANCE .....                             | 14,964                 | 14,964                   |
| 080   | COMBAT SUPPORT FORCES .....                                  | 9,016                  | 9,016                    |
|   | <b>SUBTOTAL OPERATING FORCES .....</b>                       | <b>23,980</b>          | <b>23,980</b>            |
|   | <b>TOTAL OPERATION &amp; MAINTENANCE, NAVY RES .....</b>     | <b>23,980</b>          | <b>23,980</b>            |

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i>                                    | <i>Item</i>   | <i>FY 2018<br/>Request</i> | <i>Senate<br/>Authorized</i> |
|--|---|----------------------------|------------------------------|
| <b>OPERATION &amp; MAINTENANCE, MC RESERVE</b> |   |                            |                              |
| <b>OPERATING FORCES</b>                        |   |                            |                              |
| 010  | OPERATING FORCES .....                                    | 2,548                      | 2,548                        |
| 040  | BASE OPERATING SUPPORT .....                              | 819                        | 819                          |
|  | <b>SUBTOTAL OPERATING FORCES .....</b>                    | <b>3,367</b>               | <b>3,367</b>                 |
|  | <b>TOTAL OPERATION &amp; MAINTENANCE, MC RESERVE</b>      | <b>3,367</b>               | <b>3,367</b>                 |
| <b>OPERATION &amp; MAINTENANCE, AIR FORCE</b>  |   |                            |                              |
| <b>OPERATING FORCES</b>                        |   |                            |                              |
| 010  | PRIMARY COMBAT FORCES .....                               | 248,235                    | 248,235                      |
| 020  | COMBAT ENHANCEMENT FORCES .....                           | 1,394,962                  | 1,394,962                    |
| 030  | AIR OPERATIONS TRAINING (OJT, MAINTAIN SKILLS) .....      | 5,450                      | 5,450                        |
| 040  | DEPOT PURCHASE EQUIPMENT MAINTENANCE .....                | 699,860                    | 699,860                      |
| 050  | FACILITIES SUSTAINMENT, RESTORATION & MODERNIZATION ..... | 113,131                    | 113,131                      |
| 060  | CONTRACTOR LOGISTICS SUPPORT AND SYSTEM SUPPORT .....     | 2,039,551                  | 2,039,551                    |
| 070  | FLYING HOUR PROGRAM .....                                 | 2,059,363                  | 2,059,363                    |
| 080  | BASE SUPPORT .....  | 1,088,946                  | 1,088,946                    |
| 090  | GLOBAL C3I AND EARLY WARNING .....                        | 15,274                     | 15,274                       |
| 100  | OTHER COMBAT OPS SPT PROGRAMS .....                       | 198,090                    | 198,090                      |
| 120  | LAUNCH FACILITIES .....                                   | 385                        | 385                          |
| 130  | SPACE CONTROL SYSTEMS .....                               | 22,020                     | 22,020                       |
| 160  | US NORTHCOM/NORAD .....                                   | 381                        | 381                          |
| 170  | US STRATCOM .....   | 698                        | 698                          |
| 180  | US CYBERCOM .....   | 35,239                     | 35,239                       |
| 190  | US CENTCOM .....  | 159,520                    | 159,520                      |
| 200  | US SOCOM .....  | 19,000                     | 19,000                       |
| 9999   | CLASSIFIED PROGRAMS .....                                 | 58,098                     | 58,098                       |
|  | <b>SUBTOTAL OPERATING FORCES .....</b>                    | <b>8,158,203</b>           | <b>8,158,203</b>             |
| <b>MOBILIZATION</b>                            |   |                            |                              |
| 220  | AIRLIFT OPERATIONS .....                                  | 1,430,316                  | 1,430,316                    |
| 230  | MOBILIZATION PREPAREDNESS .....                           | 213,827                    | 213,827                      |
|  | <b>SUBTOTAL MOBILIZATION .....</b>                        | <b>1,644,143</b>           | <b>1,644,143</b>             |
| <b>TRAINING AND RECRUITING</b>                 |   |                            |                              |
| 270  | OFFICER ACQUISITION .....                                 | 300                        | 300                          |
| 280  | RECRUIT TRAINING .....                                    | 298                        | 298                          |
| 290  | RESERVE OFFICERS TRAINING CORPS (ROTC) .....              | 90                         | 90                           |
| 320  | SPECIALIZED SKILL TRAINING .....                          | 25,675                     | 25,675                       |
| 330  | FLIGHT TRAINING .....                                     | 879                        | 879                          |
| 340  | PROFESSIONAL DEVELOPMENT EDUCATION .....                  | 1,114                      | 1,114                        |
| 350  | TRAINING SUPPORT .....                                    | 1,426                      | 1,426                        |
|  | <b>SUBTOTAL TRAINING AND RECRUITING .....</b>             | <b>29,782</b>              | <b>29,782</b>                |
| <b>ADMIN &amp; SRVWD ACTIVITIES</b>            |   |                            |                              |
| 420  | LOGISTICS OPERATIONS .....                                | 151,847                    | 151,847                      |
| 430  | TECHNICAL SUPPORT ACTIVITIES .....                        | 8,744                      | 8,744                        |
| 470  | ADMINISTRATION .....                                      | 6,583                      | 6,583                        |
| 480  | SERVICEWIDE COMMUNICATIONS .....                          | 129,508                    | 129,508                      |
| 490  | OTHER SERVICEWIDE ACTIVITIES .....                        | 84,110                     | 84,110                       |
| 530  | INTERNATIONAL SUPPORT .....                               | 120                        | 120                          |
| 9999   | CLASSIFIED PROGRAMS .....                                 | 53,255                     | 53,255                       |
|  | <b>SUBTOTAL ADMIN &amp; SRVWD ACTIVITIES .....</b>        | <b>434,167</b>             | <b>434,167</b>               |
|  | <b>TOTAL OPERATION &amp; MAINTENANCE, AIR FORCE</b> ...   | <b>10,266,295</b>          | <b>10,266,295</b>            |
| <b>OPERATION &amp; MAINTENANCE, AF RESERVE</b> |   |                            |                              |
| <b>OPERATING FORCES</b>                        |   |                            |                              |
| 030  | DEPOT PURCHASE EQUIPMENT MAINTENANCE .....                | 52,323                     | 52,323                       |
| 060  | BASE SUPPORT .....  | 6,200                      | 6,200                        |
|  | <b>SUBTOTAL OPERATING FORCES .....</b>                    | <b>58,523</b>              | <b>58,523</b>                |
|  | <b>TOTAL OPERATION &amp; MAINTENANCE, AF RESERVE</b>      | <b>58,523</b>              | <b>58,523</b>                |
| <b>OPERATION &amp; MAINTENANCE, ANG</b>        |   |                            |                              |
| <b>OPERATING FORCES</b>                        |   |                            |                              |
| 020  | MISSION SUPPORT OPERATIONS .....                          | 3,468                      | 3,468                        |
| 060  | BASE SUPPORT .....  | 11,932                     | 11,932                       |

**SEC. 4302. OPERATION AND MAINTENANCE FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>  | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|-------------|--|------------------------|--------------------------|
|             | <b>SUBTOTAL OPERATING FORCES</b> .....                                   | <b>15,400</b>          | <b>15,400</b>            |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE, ANG</b> .....                      | <b>15,400</b>          | <b>15,400</b>            |
|             | <b>OPERATION AND MAINTENANCE, DEFENSE-WIDE OPERATING FORCES</b>          |                        |                          |
| 010         | JOINT CHIEFS OF STAFF .....  | 4,841                  | 4,841                    |
| 040         | SPECIAL OPERATIONS COMMAND/OPERATING FORCES .....                        | 3,305,234              | 3,311,534                |
|             | UFR: Joint Task Force Platform Expansion .....                           |                        | [6,300]                  |
|             | <b>SUBTOTAL OPERATING FORCES</b> .....                                   | <b>3,310,075</b>       | <b>3,316,375</b>         |
|             | <b>ADMIN &amp; SRVWIDE ACTIVITIES</b>                                    |                        |                          |
| 110         | DEFENSE CONTRACT AUDIT AGENCY .....                                      | 9,853                  | 9,853                    |
| 120         | DEFENSE CONTRACT MANAGEMENT AGENCY .....                                 | 21,317                 | 21,317                   |
| 140         | DEFENSE INFORMATION SYSTEMS AGENCY .....                                 | 64,137                 | 64,137                   |
| 160         | DEFENSE LEGAL SERVICES AGENCY .....                                      | 115,000                | 115,000                  |
| 180         | DEFENSE MEDIA ACTIVITY .....   | 13,255                 | 13,255                   |
| 200         | DEFENSE SECURITY COOPERATION AGENCY .....                                | 2,312,000              | 2,562,000                |
|             | Reduction to Coalition Support Funds .....                               |                        | [-100,000]               |
|             | Ukraine Security Assistance Initiative .....                             |                        | [350,000]                |
| 260         | DEPARTMENT OF DEFENSE EDUCATION ACTIVITY .....                           | 31,000                 | 31,000                   |
| 300         | OFFICE OF THE SECRETARY OF DEFENSE .....                                 | 34,715                 | 34,715                   |
| 320         | WASHINGTON HEADQUARTERS SERVICES .....                                   | 3,179                  | 3,179                    |
| 9999        | CLASSIFIED PROGRAMS .....  | 1,797,549              | 1,797,549                |
|             | <b>SUBTOTAL ADMIN &amp; SRVWIDE ACTIVITIES</b> .....                     | <b>4,402,005</b>       | <b>4,652,005</b>         |
|             | <b>TOTAL OPERATION AND MAINTENANCE, DEFENSE-WIDE</b> .....               | <b>7,712,080</b>       | <b>7,968,380</b>         |
|             | <b>UNDISTRIBUTED</b>   |                        |                          |
|             | <b>UNDISTRIBUTED</b>   |                        |                          |
| 999         | UNDISTRIBUTED .....  | 0                      | -2,121,300               |
|             | ERI costs transferred from OCO to base (except Ukraine assistance) ..... |                        | [-2,121,300]             |
|             | <b>SUBTOTAL UNDISTRIBUTED</b> .....                                      | <b>0</b>               | <b>-2,121,300</b>        |
|             | <b>TOTAL UNDISTRIBUTED</b> .....   | <b>0</b>               | <b>-2,121,300</b>        |
|             | <b>TOTAL OPERATION &amp; MAINTENANCE</b> .....                           | <b>46,268,028</b>      | <b>44,403,028</b>        |

1                   **TITLE XLIV—MILITARY**  
2                   **PERSONNEL**

3   **SEC. 4401. MILITARY PERSONNEL.**

**SEC. 4401. MILITARY PERSONNEL**  
(In Thousands of Dollars)

| <i>Item</i>   | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|---|------------------------|--------------------------|
| <b>MILITARY PERSONNEL</b>                                       |                        |                          |
| <b>MILITARY PERSONNEL APPROPRIATIONS</b>                        |                        |                          |
| MILITARY PERSONNEL APPROPRIATIONS .....                         | 133,881,636            | 133,726,723              |
| Defense Innovation Board software review .....                  |                        | 1,000                    |
| ERI costs transferred to base .....                             |                        | 214,300                  |
| Marine Corps endstrength increase (1k) .....                    |                        | 100,000                  |
| Public-Private partnership on military spousal employment ..... |                        | 1,000                    |
| UFR: ANG funds training man days .....                          |                        | 170,800                  |
| UFR: Army endstrength increase (6k) .....                       |                        | 321,000                  |
| UFR: Army readiness requirements .....                          |                        | 107,987                  |
| UFR: ATFP Enhancement—2nd Pier Sentry (Mahan Report) .....      |                        | 12,000                   |
| Unobligated Balances .....                                      |                        | [-1,083,000]             |

**SEC. 4401. MILITARY PERSONNEL**  
(In Thousands of Dollars)

| <i>Item</i>   | <i>FY 2018<br/>Request</i> | <i>Senate<br/>Authorized</i> |
|---|----------------------------|------------------------------|
| <b>SUBTOTAL MILITARY PERSONNEL APPROPRIATIONS</b> .....                   | <b>133,881,636</b>         | <b>133,726,723</b>           |
| <b>MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS</b>                |                            |                              |
| MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS .....                 | 7,804,427                  | 7,820,427                    |
| <i>UFR: Army endstrength increase (6k)</i> .....                          |                            | 16,000                       |
| <b>SUBTOTAL MEDICARE-ELIGIBLE RETIREE HEALTH FUND CONTRIBUTIONS</b> ..... | <b>7,804,427</b>           | <b>7,820,427</b>             |
| <b>TOTAL MILITARY PERSONNEL</b> .....                                     | <b>141,686,063</b>         | <b>141,547,150</b>           |

1 **SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTIN-**  
2 **GENCY OPERATIONS.**

**SEC. 4402. MILITARY PERSONNEL FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Item</i>   | <i>FY 2018<br/>Request</i> | <i>Senate<br/>Authorized</i> |
|---|----------------------------|------------------------------|
| <b>MILITARY PERSONNEL</b>                               |                            |                              |
| <b>MILITARY PERSONNEL APPROPRIATIONS</b>                |                            |                              |
| MILITARY PERSONNEL APPROPRIATIONS .....                 | 4,276,276                  | 4,061,976                    |
| <i>ERI costs transferred to base budget</i> .....       |                            | [-214,300]                   |
| <b>SUBTOTAL MILITARY PERSONNEL APPROPRIATIONS</b> ..... | <b>4,276,276</b>           | <b>4,061,976</b>             |
| <b>TOTAL MILITARY PERSONNEL</b> .....                   | <b>4,276,276</b>           | <b>4,061,976</b>             |

3 **TITLE XLV—OTHER**  
4 **AUTHORIZATIONS**

5 **SEC. 4501. OTHER AUTHORIZATIONS.**

**SEC. 4501. OTHER AUTHORIZATIONS**  
(In Thousands of Dollars)

| <i>Line</i>                               | <i>Item</i>  | <i>FY 2018<br/>Request</i> | <i>Senate<br/>Authorized</i> |
|---|--|----------------------------|------------------------------|
| <b>WORKING CAPITAL FUND</b>               |  |                            |                              |
| <b>WORKING CAPITAL FUND, ARMY</b>         |  |                            |                              |
| 010                                       | <i>Industrial Operations</i> .....                       | 43,140                     | 43,140                       |
| 020                                       | <i>Supply Management—Army</i> .....                      | 40,636                     | 90,736                       |
|   | <i>ERI costs transfer from OCO to base</i> .....         |                            | [50,100]                     |
|   | <b>SUBTOTAL WORKING CAPITAL FUND, ARMY</b> .....         | <b>83,776</b>              | <b>133,876</b>               |
| <b>WORKING CAPITAL FUND, AIR FORCE</b>    |  |                            |                              |
| 010                                       | <i>Supplies and Materials</i> .....                      | 66,462                     | 66,462                       |
|   | <b>SUBTOTAL WORKING CAPITAL FUND, AIR FORCE</b> .....    | <b>66,462</b>              | <b>66,462</b>                |
| <b>WORKING CAPITAL FUND, DEFENSE-WIDE</b> |  |                            |                              |
| 020                                       | <i>Supply Chain Management—Def</i> .....                 | 47,018                     | 47,018                       |
|   | <b>SUBTOTAL WORKING CAPITAL FUND, DEFENSE-WIDE</b> ..... | <b>47,018</b>              | <b>47,018</b>                |
| <b>WORKING CAPITAL FUND, DECA</b>         |  |                            |                              |
| 010                                       | <i>Working Capital Fund, DECA</i> .....                  | 1,389,340                  | 1,389,340                    |
|   | <b>SUBTOTAL WORKING CAPITAL FUND, DECA</b> .....         | <b>1,389,340</b>           | <b>1,389,340</b>             |

**SEC. 4501. OTHER AUTHORIZATIONS**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>   | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|-------------|---|------------------------|--------------------------|
|             | <b>TOTAL WORKING CAPITAL FUND</b> .....   | <b>1,586,596</b>       | <b>1,636,696</b>         |
|             | <b>CHEM AGENTS &amp; MUNITIONS DESTRUCTION<br/>OPERATION AND MAINTENANCE</b>                              |                        |                          |
| 1           | Chem Demilitarization—O&M .....   | 104,237                | 104,237                  |
|             | <b>SUBTOTAL OPERATION AND MAINTENANCE</b> .....   | <b>104,237</b>         | <b>104,237</b>           |
|             | <b>RESEARCH, DEVELOPMENT, TEST, AND EVALUATION</b>  |                        |                          |
| 2           | Chem Demilitarization—RDT&E .....   | 839,414                | 839,414                  |
|             | <b>SUBTOTAL RESEARCH, DEVELOPMENT, TEST, AND<br/>EVALUATION</b> .....                                     | <b>839,414</b>         | <b>839,414</b>           |
|             | <b>PROCUREMENT</b>  |                        |                          |
| 3           | Chem Demilitarization—Proc .....  | 18,081                 | 18,081                   |
|             | <b>SUBTOTAL PROCUREMENT</b> .....   | <b>18,081</b>          | <b>18,081</b>            |
|             | <b>TOTAL CHEM AGENTS &amp; MUNITIONS DESTRUCTION</b> .....  | <b>961,732</b>         | <b>961,732</b>           |
|             | <b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF<br/>DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES</b> |                        |                          |
| 010         | Drug Interdiction and Counter-Drug Activities, Defense .....  | 674,001                | 674,001                  |
|             | <b>SUBTOTAL DRUG INTERDICTION AND COUNTER DRUG<br/>ACTIVITIES</b> .....                                   | <b>674,001</b>         | <b>674,001</b>           |
|             | <b>DRUG DEMAND REDUCTION PROGRAM</b>  |                        |                          |
| 020         | Drug Demand Reduction Program .....   | 116,813                | 116,813                  |
|             | <b>SUBTOTAL DRUG DEMAND REDUCTION PROGRAM</b> .....   | <b>116,813</b>         | <b>116,813</b>           |
|             | <b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES,<br/>DEF</b> .....                                   | <b>790,814</b>         | <b>790,814</b>           |
|             | <b>OFFICE OF THE INSPECTOR GENERAL<br/>OPERATION AND MAINTENANCE</b>                                      |                        |                          |
| 010         | Operation And Maintenance .....   | 334,087                | 334,087                  |
|             | <b>SUBTOTAL OPERATION AND MAINTENANCE</b> .....   | <b>334,087</b>         | <b>334,087</b>           |
|             | <b>RDT&amp;E</b>  |                        |                          |
| 020         | RDT&E .....   | 2,800                  | 2,800                    |
|             | <b>SUBTOTAL RDT&amp;E</b> .....   | <b>2,800</b>           | <b>2,800</b>             |
|             | <b>TOTAL OFFICE OF THE INSPECTOR GENERAL</b> .....  | <b>336,887</b>         | <b>336,887</b>           |
|             | <b>DEFENSE HEALTH PROGRAM<br/>OPERATION &amp; MAINTENANCE</b>   |                        |                          |
| 010         | In-House Care .....   | 9,457,768              | 9,457,768                |
| 020         | Private Sector Care .....   | 15,317,732             | 15,317,732               |
| 030         | Consolidated Health Support .....   | 2,193,045              | 2,193,045                |
| 040         | Information Management .....  | 1,803,733              | 1,803,733                |
| 050         | Management Activities .....   | 330,752                | 330,752                  |
| 060         | Education and Training .....  | 737,730                | 737,730                  |
| 070         | Base Operations/Communications .....  | 2,255,163              | 2,255,163                |
|             | <b>SUBTOTAL OPERATION &amp; MAINTENANCE</b> .....   | <b>32,095,923</b>      | <b>32,095,923</b>        |
|             | <b>RDT&amp;E</b>  |                        |                          |
| 080         | R&D Research .....  | 9,796                  | 9,796                    |
| 090         | R&D Exploratory Development .....   | 64,881                 | 64,881                   |
| 100         | R&D Advanced Development .....  | 246,268                | 246,268                  |
| 110         | R&D Demonstration/Validation .....  | 99,039                 | 99,039                   |
| 120         | R&D Engineering Development .....   | 170,602                | 170,602                  |
| 130         | R&D Management and Support .....  | 69,191                 | 69,191                   |
| 140         | R&D Capabilities Enhancement .....  | 13,438                 | 13,438                   |
|             | <b>SUBTOTAL RDT&amp;E</b> .....   | <b>673,215</b>         | <b>673,215</b>           |
|             | <b>PROCUREMENT</b>  |                        |                          |
| 150         | PROC Initial Outfitting .....   | 26,978                 | 26,978                   |
| 160         | PROC Replacement & Modernization .....  | 360,831                | 360,831                  |
| 180         | PROC Joint Operational Medicine Information System .....  | 8,326                  | 8,326                    |
| 190         | PROC DoD Healthcare Management System Modernization .....   | 499,193                | 499,193                  |
|             | <b>SUBTOTAL PROCUREMENT</b> .....   | <b>895,328</b>         | <b>895,328</b>           |

**SEC. 4501. OTHER AUTHORIZATIONS**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>  | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|-------------|--|------------------------|--------------------------|
|             | <b>TOTAL DEFENSE HEALTH PROGRAM</b> .....                              | <b>33,664,466</b>      | <b>33,664,466</b>        |
|             | <b>NATIONAL DEFENSE SEALIFT FUND OPERATIONS, MAINTENANCE AND LEASE</b> |                        |                          |
| 050         | <i>LG Med Spd Ro/Ro Maintenance</i> .....                              | 135,800                | 135,800                  |
| 060         | <i>DoD Mobilization Alterations</i> .....                              | 11,197                 | 11,197                   |
| 070         | <i>TAH Maintenance</i> .....   | 54,453                 | 54,453                   |
|             | <b>SUBTOTAL OPERATIONS, MAINTENANCE AND LEASE</b> .....                | <b>201,450</b>         | <b>201,450</b>           |
|             | <b>RESEARCH AND DEVELOPMENT</b>  |                        |                          |
| 080         | <i>Research And Development</i> .....                                  | 18,622                 | 18,622                   |
|             | <b>SUBTOTAL RESEARCH AND DEVELOPMENT</b> .....                         | <b>18,622</b>          | <b>18,622</b>            |
|             | <b>READY RESERVE FORCES</b>  |                        |                          |
| 090         | <i>Ready Reserve Force</i> .....                                       | 289,255                | 296,255                  |
|             | <i>UFR: Strategic Sealift service life extension</i> .....             |                        | [7,000]                  |
|             | <b>SUBTOTAL READY RESERVE FORCES</b> .....                             | <b>289,255</b>         | <b>296,255</b>           |
|             | <b>TOTAL NATIONAL DEFENSE SEALIFT FUND</b> .....                       | <b>509,327</b>         | <b>516,327</b>           |
|             | <b>TOTAL OTHER AUTHORIZATIONS</b> .....                                | <b>37,849,822</b>      | <b>37,906,922</b>        |

1 **SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CON-**  
2 **TINGENCY OPERATIONS.**

**SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i> | <i>Item</i>   | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|-------------|---|------------------------|--------------------------|
|             | <b>WORKING CAPITAL FUND</b>   |                        |                          |
|             | <b>WORKING CAPITAL FUND, ARMY</b>                                   |                        |                          |
| 020         | <i>Supply Management—Army</i> .....                                 | 50,111                 | 0                        |
|             | <i>ERI costs transfer from OCO to base</i> .....                    |                        | [-50,111]                |
|             | <b>SUBTOTAL WORKING CAPITAL FUND, ARMY</b> .....                    | <b>50,111</b>          | <b>0</b>                 |
|             | <b>WORKING CAPITAL FUND, DEFENSE-WIDE</b>                           |                        |                          |
| 010         | <i>Energy Management—Def</i> .....                                  | 70,000                 | 70,000                   |
| 020         | <i>Supply Chain Management—Def</i> .....                            | 28,845                 | 28,845                   |
|             | <b>SUBTOTAL WORKING CAPITAL FUND, DEFENSE-WIDE</b> .....            | <b>98,845</b>          | <b>98,845</b>            |
|             | <b>TOTAL WORKING CAPITAL FUND</b> .....                             | <b>148,956</b>         | <b>98,845</b>            |
|             | <b>DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b>             |                        |                          |
|             | <b>DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES</b>                |                        |                          |
| 010         | <i>Drug Interdiction and Counter-Drug Activities, Defense</i> ..... | 196,300                | 196,300                  |
|             | <b>SUBTOTAL DRUG INTERDICTION AND COUNTER DRUG ACTIVITIES</b> ..... | <b>196,300</b>         | <b>196,300</b>           |
|             | <b>TOTAL DRUG INTERDICTION &amp; CTR-DRUG ACTIVITIES, DEF</b> ..... | <b>196,300</b>         | <b>196,300</b>           |
|             | <b>OFFICE OF THE INSPECTOR GENERAL</b>                              |                        |                          |
|             | <b>OPERATION AND MAINTENANCE</b>                                    |                        |                          |
| 010         | <i>Operation And Maintenance</i> .....                              | 24,692                 | 24,692                   |
|             | <b>SUBTOTAL OPERATION AND MAINTENANCE</b> .....                     | <b>24,692</b>          | <b>24,692</b>            |
|             | <b>TOTAL OFFICE OF THE INSPECTOR GENERAL</b> .....                  | <b>24,692</b>          | <b>24,692</b>            |
|             | <b>DEFENSE HEALTH PROGRAM</b>                                       |                        |                          |
|             | <b>OPERATION &amp; MAINTENANCE</b>                                  |                        |                          |
| 010         | <i>In-House Care</i> .....  | 61,857                 | 61,857                   |
| 020         | <i>Private Sector Care</i> .....                                    | 331,968                | 331,968                  |
| 030         | <i>Consolidated Health Support</i> .....                            | 1,980                  | 1,980                    |
|             | <b>SUBTOTAL OPERATION &amp; MAINTENANCE</b> .....                   | <b>395,805</b>         | <b>395,805</b>           |
|             | <b>TOTAL DEFENSE HEALTH PROGRAM</b> .....                           | <b>395,805</b>         | <b>395,805</b>           |

**SEC. 4502. OTHER AUTHORIZATIONS FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <i>Line</i>  | <i>Item</i> | <i>FY 2018 Request</i> | <i>Senate Authorized</i> |
|--|-------------|------------------------|--------------------------|
| <b>COUNTER-ISLAMIC ISIS TRAIN &amp; EQUIP FUND</b>             |             |                        |                          |
| <b>COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF)</b>                |             |                        |                          |
| 010  | Iraq .....  | 1,269,000              | 1,269,000                |
| 020  | Syria ..... | 500,000                | 500,000                  |
| <b>SUBTOTAL COUNTER-ISIS TRAIN AND EQUIP FUND (CTEF) .....</b> |             | <b>1,769,000</b>       | <b>1,769,000</b>         |
| <b>TOTAL COUNTER-ISLAMIC ISIS TRAIN &amp; EQUIP FUND .....</b> |             | <b>1,769,000</b>       | <b>1,769,000</b>         |
| <b>TOTAL OTHER AUTHORIZATIONS .....</b>                        |             | <b>2,534,753</b>       | <b>2,484,642</b>         |

1 **TITLE XLVI—MILITARY**  
2 **CONSTRUCTION**

3 **SEC. 4601. MILITARY CONSTRUCTION.**

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

| <i>Account</i>               | <i>State/Country and Installation</i> | <i>Project Title</i>                                    | <i>Budget Request</i> | <i>Senate Authorized</i> |
|------------------------------|---------------------------------------|---|-----------------------|--------------------------|
| <b>MILITARY CONSTRUCTION</b> |                                       |   |                       |                          |
| <b>MILCON, ARMY</b>          |                                       |   |                       |                          |
|                              | <i>Alabama</i>                        |   |                       |                          |
| MILCON, ARMY                 | Fort Rucker                           | Training Support Facility .....                         | 38,000                | 38,000                   |
|                              | <i>Arizona</i>                        |   |                       |                          |
| MILCON, ARMY                 | Davis-Monthan AFB                     | General Instruction Building .....                      | 22,000                | 22,000                   |
| MILCON, ARMY                 | Fort Huachuca                         | Ground Transport Equipment Building .....               | 30,000                | 30,000                   |
|                              | <i>California</i>                     |   |                       |                          |
| MILCON, ARMY                 | Fort Irwin                            | Land Acquisition .....                                  | 3,000                 | 3,000                    |
|                              | <i>Colorado</i>                       |   |                       |                          |
| MILCON, ARMY                 | Fort Carson, Colorado                 | Ammunition Supply Point .....                           | 21,000                | 21,000                   |
| MILCON, ARMY                 | Fort Carson, Colorado                 | Battlefield Weather Facility .....                      | 8,300                 | 8,300                    |
|                              | <i>Florida</i>                        |   |                       |                          |
| MILCON, ARMY                 | Eglin AFB                             | Multipurpose Range Complex .....                        | 18,000                | 18,000                   |
|                              | <i>Georgia</i>                        |   |                       |                          |
| MILCON, ARMY                 | Fort Benning                          | Air Traffic Control Tower (ATCT) .....                  | 0                     | 10,800                   |
| MILCON, ARMY                 | Fort Benning                          | Training Support Facility .....                         | 28,000                | 28,000                   |
| MILCON, ARMY                 | Fort Gordon                           | Access Control Point .....                              | 33,000                | 33,000                   |
| MILCON, ARMY                 | Fort Gordon                           | Automation-Aided Instructional Building .....           | 18,500                | 18,500                   |
|                              | <i>Germany</i>                        |   |                       |                          |
| MILCON, ARMY                 | Stuttgart                             | Commissary .....  | 40,000                | 40,000                   |
| MILCON, ARMY                 | Weisbaden                             | Administrative Building .....                           | 43,000                | 43,000                   |
|                              | <i>Hawaii</i>                         |   |                       |                          |
| MILCON, ARMY                 | Fort Shafter                          | Command and Control Facility, Incr 3 .....              | 90,000                | 90,000                   |
| MILCON, ARMY                 | Pohakuloa Training Area               | Operational Readiness Training Complex (Barracks) ..... | 0                     | 25,000                   |
|                              | <i>Indiana</i>                        |   |                       |                          |
| MILCON, ARMY                 | Crane Army Ammunition Plant           | Shipping and Receiving Building .....                   | 24,000                | 24,000                   |
|                              | <i>Korea</i>                          |   |                       |                          |
| MILCON, ARMY                 | Kunsan AB                             | Unmanned Aerial Vehicle Hangar .....                    | 53,000                | 53,000                   |
|                              | <i>New York</i>                       |   |                       |                          |
| MILCON, ARMY                 | U.S. Military Academy                 | Cemetery .....  | 22,000                | 22,000                   |
|                              | <i>South Carolina</i>                 |   |                       |                          |
| MILCON, ARMY                 | Fort Jackson                          | Reception Barracks Complex, Ph1 .....                   | 60,000                | 60,000                   |
| MILCON, ARMY                 | Shaw AFB                              | Mission Training Complex .....                          | 25,000                | 25,000                   |
|                              | <i>Texas</i>                          |   |                       |                          |
| MILCON, ARMY                 | Camp Bullis                           | Vehicle Maintenance Shop .....                          | 13,600                | 13,600                   |
| MILCON, ARMY                 | Fort Hood                             | Vehicle Maintenance Shop .....                          | 0                     | 33,000                   |
| MILCON, ARMY                 | Fort Hood, Texas                      | Battalion Headquarters Complex .....                    | 37,000                | 37,000                   |
|                              | <i>Turkey</i>                         |   |                       |                          |
| MILCON, ARMY                 | Turkey Various                        | Forward Operating Site .....                            | 6,400                 | 6,400                    |
|                              | <i>Virginia</i>                       |   |                       |                          |
| MILCON, ARMY                 | Fort Belvoir                          | Secure Admin/Operations Facility, Incr 3 .....          | 14,124                | 14,124                   |
| MILCON, ARMY                 | Joint Base Langley-Eustis             | Aircraft Maintenance Instructional Bldg .....           | 34,000                | 34,000                   |
| MILCON, ARMY                 | Joint Base Myer-Henderson             | Security Fence .....                                    | 20,000                | 20,000                   |
|                              | <i>Washington</i>                     |   |                       |                          |

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|------------------------------------|---|--|-----------------------|--------------------------|
| MILCON, ARMY                       | Joint Base Lewis-Mcchord                    | Confinement Facility .....                               | 66,000                | 0                        |
| MILCON, ARMY                       | Yakima                                      | Fire Station .....                                       | 19,500                | 19,500                   |
| MILCON, ARMY                       | Worldwide Unspecified                       |  |                       |                          |
| MILCON, ARMY                       | Unspecified Worldwide Locations             | Planning and Design .....                                | 72,770                | 72,770                   |
| MILCON, ARMY                       | Unspecified Worldwide Locations             | Host Nation Support .....                                | 28,700                | 28,700                   |
| MILCON, ARMY                       | Unspecified Worldwide Locations             | Unspecified Minor Construction .....                     | 31,500                | 31,500                   |
| MILCON, ARMY                       | Unspecified Worldwide Locations             | ERI Planning and Design .....                            | 0                     | 15,700                   |
| <b>SUBTOTAL MILCON, ARMY .....</b> |   |  | <b>920,394</b>        | <b>938,894</b>           |
| <b>MIL CON, NAVY</b>               |   |  |                       |                          |
|                                    | Arizona                                     |  |                       |                          |
| MIL CON, NAVY                      | Yuma  | Enlisted Dining Facility & Community Bldgs .....         | 36,358                | 36,358                   |
|                                    | California                                  |  |                       |                          |
| MIL CON, NAVY                      | Barstow                                     | Combat Vehicle Repair Facility .....                     | 36,539                | 36,539                   |
| MIL CON, NAVY                      | Camp Pendleton, California                  | Ammunition Supply Point Upgrade .....                    | 61,139                | 61,139                   |
| MIL CON, NAVY                      | Coronado                                    | P988 Undersea Rescue Command (URC) Operations Building.  | 0                     | 36,000                   |
| MIL CON, NAVY                      | Lemoore                                     | F/A 18 Avionics Repair Facility Replacement .....        | 60,828                | 60,828                   |
| MIL CON, NAVY                      | Marine Corps Air Station Miramar            | F-35 Simulator Facility .....                            | 0                     | 47,574                   |
| MIL CON, NAVY                      | Miramar                                     | Aircraft Maintenance Hangar (INC 2) .....                | 39,600                | 39,600                   |
| MIL CON, NAVY                      | San Diego                                   | P440 Pier 8 Replacement .....                            | 0                     | 108,000                  |
| MIL CON, NAVY                      | Twentynine Palms, California                | Potable Water Treatment/Blending Facility .....          | 55,099                | 55,099                   |
|                                    | District of Columbia                        |  |                       |                          |
| MIL CON, NAVY                      | NSA Washington                              | Washington Navy Yard AT/FP Land Acquisition              | 60,000                | 0                        |
| MIL CON, NAVY                      | NSA Washington                              | Electronics Science and Technology Laboratory ....       | 37,882                | 37,882                   |
|                                    | Djibouti                                    |  |                       |                          |
| MIL CON, NAVY                      | Camp Lemonier, Djibouti                     | Aircraft Parking Apron Expansion .....                   | 13,390                | 13,390                   |
|                                    | Florida                                     |  |                       |                          |
| MIL CON, NAVY                      | Mayport                                     | P426 Littoral Combat Ship (LCS) Support Facility (LSF).  | 0                     | 81,000                   |
| MIL CON, NAVY                      | Mayport                                     | P427 Littoral Combat Ship (LCS) Training Facility (LTF). | 0                     | 29,000                   |
| MIL CON, NAVY                      | Mayport                                     | Missile Magazines .....                                  | 9,824                 | 9,824                    |
| MIL CON, NAVY                      | Mayport                                     | Advanced Wastewater Treatment Plant (AWWTP)              | 74,994                | 74,994                   |
|                                    | Georgia                                     |  |                       |                          |
| MIL CON, NAVY                      | Marine Corps Logistics Base Albany          | Combat Vehicle Warehouse .....                           | 0                     | 43,308                   |
|                                    | Greece                                      |  |                       |                          |
| MIL CON, NAVY                      | Souda Bay                                   | Strategic Aircraft Parking Apron Expansion .....         | 22,045                | 22,045                   |
|                                    | Guam  |  |                       |                          |
| MIL CON, NAVY                      | Joint Region Marianas                       | Water Well Field .....                                   | 56,088                | 56,088                   |
| MIL CON, NAVY                      | Joint Region Marianas                       | MALS Facilities .....                                    | 49,431                | 49,431                   |
| MIL CON, NAVY                      | Joint Region Marianas                       | Corrosion Control Hangar .....                           | 66,747                | 66,747                   |
| MIL CON, NAVY                      | Joint Region Marianas                       | Aircraft Maintenance Hangar #2 .....                     | 75,233                | 75,233                   |
| MIL CON, NAVY                      | Joint Region Marianas                       | Navy-Commercial Tie-in Hardening .....                   | 37,180                | 37,180                   |
|                                    | Hawaii                                      |  |                       |                          |
| MIL CON, NAVY                      | Joint Base Pearl Harbor-Hickam              | Sewer Lift Station & Relief Sewer Line .....             | 73,200                | 73,200                   |
| MIL CON, NAVY                      | Kaneohe Bay                                 | LHD Pad Conversions MV-22 Landing Pads .....             | 19,012                | 19,012                   |
| MIL CON, NAVY                      | Marine Corps Base Kaneohe Bay               | Mokapu Gate Entry Control AT/FP Compliance ..            | 0                     | 26,492                   |
| MIL CON, NAVY                      | Wahiaewa                                    | Communications/Crypto Facility .....                     | 65,864                | 65,864                   |
|                                    | Japan                                       |  |                       |                          |
| MIL CON, NAVY                      | Iwakuni                                     | KC130J Enlisted Aircrew Trainer Facility .....           | 21,860                | 21,860                   |
|                                    | Maine                                       |  |                       |                          |
| MIL CON, NAVY                      | Kittery                                     | Paint, Blast, and Rubber Facility .....                  | 61,692                | 61,692                   |
|                                    | North Carolina                              |  |                       |                          |
| MIL CON, NAVY                      | Camp Lejeune, North Carolina                | Water Treatment Plant Replacement Hadnot Pt ..           | 65,784                | 65,784                   |
| MIL CON, NAVY                      | Camp Lejeune, North Carolina                | Bachelor Enlisted Quarters .....                         | 37,983                | 37,983                   |
| MIL CON, NAVY                      | Cherry Point Marine Corps Air Station       | F-35B Vertical Lift Fan Test Facility .....              | 15,671                | 15,671                   |
| MIL CON, NAVY                      | Marine Corps Base Lejeune                   | Radio BN Complex, Phase 2 .....                          | 0                     | 64,292                   |
|                                    | Virginia                                    |  |                       |                          |
| MIL CON, NAVY                      | Dam Neck                                    | ISR Operations Facility Expansion .....                  | 29,262                | 29,262                   |
| MIL CON, NAVY                      | Joint Expeditionary Base Little Creek—Story | ACU-4 Electrical Upgrades .....                          | 2,596                 | 2,596                    |

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|-------------------------------------|---------------------------------------|---|-----------------------|--------------------------|
| MIL CON, NAVY                       | Marine Corps Base<br>Quantico         | TBS Fire Station Building 533 Replacement .....   | 0                     | 23,738                   |
| MIL CON, NAVY                       | Norfolk                               | Chambers Field Magazine Recap Ph 1 .....          | 34,665                | 34,665                   |
| MIL CON, NAVY                       | Portsmouth                            | Ship Repair Training Facility .....               | 72,990                | 72,990                   |
| MIL CON, NAVY                       | Yorktown                              | Bachelor Enlisted Quarters .....                  | 36,358                | 36,358                   |
|                                     | Washington                            |   |                       |                          |
| MIL CON, NAVY                       | Indian Island                         | Missile Magazines .....                           | 44,440                | 44,440                   |
|                                     | Worldwide Unspecified                 |   |                       |                          |
| MIL CON, NAVY                       | Unspecified Worldwide<br>Locations    | Unspecified Minor Construction .....              | 23,842                | 23,842                   |
| MIL CON, NAVY                       | Unspecified Worldwide<br>Locations    | ERI: Planning and Design .....                    | 0                     | 18,500                   |
| MIL CON, NAVY                       | Unspecified Worldwide<br>Locations    | Planning and Design .....                         | 219,069               | 228,069                  |
| <b>SUBTOTAL MIL CON, NAVY .....</b> |                                       |   | <b>1,616,665</b>      | <b>2,043,569</b>         |
| <b>MILCON, AIR FORCE</b>            |                                       |   |                       |                          |
|                                     | Alaska                                |   |                       |                          |
| MILCON, AIR<br>FORCE                | Eielson AFB                           | Repair Central Heat/Power Plant Boiler PH 4 ...   | 41,000                | 41,000                   |
| MILCON, AIR<br>FORCE                | Eielson AFB                           | F-35A OSS/Weapons/Intel Facility .....            | 11,800                | 11,800                   |
| MILCON, AIR<br>FORCE                | Eielson AFB                           | F-35A AGE Facility / Fillstand .....              | 21,000                | 21,000                   |
| MILCON, AIR<br>FORCE                | Eielson AFB                           | F-35A R-11 Fuel Truck Shelter .....               | 9,600                 | 9,600                    |
| MILCON, AIR<br>FORCE                | Eielson AFB                           | F-35A Satellite Dining Facility .....             | 8,000                 | 8,000                    |
| MILCON, AIR<br>FORCE                | Eielson AFB                           | F-35A Consolidated Munitions Admin Facility ...   | 27,000                | 27,000                   |
| MILCON, AIR<br>FORCE                | Eielson AFB                           | F-35A ADAL Conventional Munitions Facility ...    | 2,500                 | 2,500                    |
| MILCON, AIR<br>FORCE                | Eielson AFB                           | F-35A Extend Utiliduct to South Loop .....        | 48,000                | 48,000                   |
|                                     | Arkansas                              |   |                       |                          |
| MILCON, AIR<br>FORCE                | Little Rock AFB                       | Dormitory - 168 PN .....                          | 0                     | 20,000                   |
|                                     | Australia                             |   |                       |                          |
| MILCON, AIR<br>FORCE                | Darwin                                | APR—Bulk Fuel Storage Tanks .....                 | 76,000                | 76,000                   |
|                                     | Colorado                              |   |                       |                          |
| MILCON, AIR<br>FORCE                | Buckley Air Force Base                | SBIRS Operations Facility .....                   | 38,000                | 38,000                   |
| MILCON, AIR<br>FORCE                | Fort Carson, Colorado                 | 13 ASOS Expansion .....                           | 13,000                | 13,000                   |
| MILCON, AIR<br>FORCE                | U.S. Air Force Academy                | Air Force CyberWorx .....                         | 30,000                | 30,000                   |
|                                     | Estonia                               |   |                       |                          |
| MILCON, AIR<br>FORCE                | Amari Air Base                        | ERI: POL Capacity Phase II .....                  | 0                     | 4,700                    |
| MILCON, AIR<br>FORCE                | Amari Air Base                        | ERI: Tactical Fighter Aircraft Parking Apron .... | 0                     | 9,200                    |
|                                     | Florida                               |   |                       |                          |
| MILCON, AIR<br>FORCE                | Eglin AFB                             | Dormitories (288 RM) .....                        | 0                     | 44,000                   |
| MILCON, AIR<br>FORCE                | Eglin AFB                             | F-35A Armament Research Fac Addition (B614)       | 8,700                 | 8,700                    |
| MILCON, AIR<br>FORCE                | Eglin AFB                             | Long-Range Stand-Off Acquisition Fac .....        | 38,000                | 38,000                   |
| MILCON, AIR<br>FORCE                | Macdill AFB                           | KC-135 Beddown OG/MXG HQ .....                    | 8,100                 | 8,100                    |
| MILCON, AIR<br>FORCE                | Tyndall AFB                           | Fire/Crash Rescue Station .....                   | 0                     | 17,000                   |
|                                     | Georgia                               |   |                       |                          |
| MILCON, AIR<br>FORCE                | Robins AFB                            | Commercial Vehicle Visitor Control Facility ..... | 9,800                 | 9,800                    |
|                                     | Hungary                               |   |                       |                          |
| MILCON, AIR<br>FORCE                | Kecskemet AB                          | ERI: Increase POL Storage Capacity .....          | 0                     | 12,500                   |
| MILCON, AIR<br>FORCE                | Kecskemet AB                          | ERI: Construct Parallel Taxiway .....             | 0                     | 30,000                   |
| MILCON, AIR<br>FORCE                | Kecskemet AB                          | ERI: Airfield Upgrades .....                      | 0                     | 12,900                   |
|                                     | Iceland                               |   |                       |                          |
| MILCON, AIR<br>FORCE                | Keflavik                              | ERI: Airfield Upgrades .....                      | 0                     | 14,400                   |
|                                     | Italy                                 |   |                       |                          |

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|----------------------|---------------------------------------|--|-----------------------|--------------------------|
| MILCON, AIR<br>FORCE | Aviano AB                             | Guardian Angel Operations Facility .....         | 27,325                | 27,325                   |
|                      | Kansas                                |  |                       |                          |
| MILCON, AIR<br>FORCE | McCormick AFB                         | Combat Arms Facility .....                       | 17,500                | 17,500                   |
|                      | Latvia                                |  |                       |                          |
| MILCON, AIR<br>FORCE | Lielvarde Air Base                    | ERI: Expand Strategic Ramp Parking .....         | 0                     | 3,850                    |
|                      | Luxembourg                            |  |                       |                          |
| MILCON, AIR<br>FORCE | Sanem                                 | ERI: ECAOS Deployable Airbase System Storage     | 0                     | 67,400                   |
|                      | Mariana Islands                       |  |                       |                          |
| MILCON, AIR<br>FORCE | Tinian                                | APR Land Acquisition .....                       | 12,900                | 12,900                   |
|                      | Maryland                              |  |                       |                          |
| MILCON, AIR<br>FORCE | Joint Base Andrews                    | PAR Land Acquisition .....                       | 17,500                | 17,500                   |
| MILCON, AIR<br>FORCE | Joint Base Andrews                    | Presidential Aircraft Recap Complex .....        | 254,000               | 58,000                   |
|                      | Massachusetts                         |  |                       |                          |
| MILCON, AIR<br>FORCE | Hanscom AFB                           | Vandenberg Gate Complex .....                    | 11,400                | 11,400                   |
|                      | Nevada                                |  |                       |                          |
| MILCON, AIR<br>FORCE | Nellis AFB                            | Red Flag 5th Gen Facility Addition .....         | 23,000                | 23,000                   |
| MILCON, AIR<br>FORCE | Nellis AFB                            | Virtual Warfare Center Operations Facility ..... | 38,000                | 38,000                   |
|                      | New Mexico                            |  |                       |                          |
| MILCON, AIR<br>FORCE | Cannon AFB                            | Dangerous Cargo Pad Relocate CATM .....          | 42,000                | 42,000                   |
| MILCON, AIR<br>FORCE | Holloman AFB                          | RPA Fixed Ground Control Station Facility .....  | 4,250                 | 4,250                    |
| MILCON, AIR<br>FORCE | Kirtland AFB                          | Replace Fire Station 3 .....                     | 0                     | 9,300                    |
|                      | North Dakota                          |  |                       |                          |
| MILCON, AIR<br>FORCE | Minot AFB                             | Indoor Firing Range .....                        | 27,000                | 27,000                   |
|                      | Norway                                |  |                       |                          |
| MILCON, AIR<br>FORCE | Rygge                                 | ERI: Replace/Expand Quick Reaction Alert Pad ..  | 0                     | 10,300                   |
|                      | Ohio                                  |  |                       |                          |
| MILCON, AIR<br>FORCE | Wright-Patterson AFB                  | Fire/Crash Rescue Station .....                  | 0                     | 6,800                    |
|                      | Oklahoma                              |  |                       |                          |
| MILCON, AIR<br>FORCE | Altus AFB                             | Fire Rescue Center .....                         | 0                     | 16,000                   |
| MILCON, AIR<br>FORCE | Altus AFB                             | KC-46A FTU Fuselage Trainer Phase 2 .....        | 4,900                 | 4,900                    |
|                      | Qatar                                 |  |                       |                          |
| MILCON, AIR<br>FORCE | Al Udeid, Qatar                       | Consolidated Squadron Operations Facility .....  | 15,000                | 15,000                   |
|                      | Romania                               |  |                       |                          |
| MILCON, AIR<br>FORCE | Campia Turzii                         | ERI: Upgrade Utilities Infrastructure .....      | 0                     | 2,950                    |
|                      | Slovakia                              |  |                       |                          |
| MILCON, AIR<br>FORCE | Malacky                               | ERI: Increase POL Storage Capacity .....         | 0                     | 20,000                   |
| MILCON, AIR<br>FORCE | Malacky                               | ERI: Airfield Upgrades .....                     | 0                     | 4,000                    |
| MILCON, AIR<br>FORCE | Sliac Airport                         | ERI: Airfield Upgrades .....                     | 0                     | 22,000                   |
|                      | Texas                                 |  |                       |                          |
| MILCON, AIR<br>FORCE | Joint Base San Antonio                | Camp Bullis Dining Facility .....                | 18,500                | 18,500                   |
| MILCON, AIR<br>FORCE | Joint Base San Antonio                | Air Traffic Control Tower .....                  | 10,000                | 10,000                   |
| MILCON, AIR<br>FORCE | Joint Base San Antonio                | BMT Recruit Dormitory 7 .....                    | 90,130                | 90,130                   |
| MILCON, AIR<br>FORCE | Joint Base San Antonio                | BMT Classrooms/Dining Facility 4 .....           | 38,000                | 38,000                   |
|                      | Turkey                                |  |                       |                          |
| MILCON, AIR<br>FORCE | Incirlik AB                           | Dormitory—216 PN .....                           | 25,997                | 25,997                   |
|                      | United Kingdom                        |  |                       |                          |
| MILCON, AIR<br>FORCE | Royal Air Force Fairford              | EIC RC-135 Intel and Squad Ops Facility .....    | 38,000                | 38,000                   |
| MILCON, AIR<br>FORCE | Royal Air Force Fairford              | EIC RC-135 Runway Overrun Reconfiguration ...    | 5,500                 | 5,500                    |

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|---|---------------------------------------|--|-----------------------|--------------------------|
| MILCON, AIR FORCE                       | Royal Air Force Fairford              | EIC RC-135 Infrastructure .....                  | 2,150                 | 2,150                    |
| MILCON, AIR FORCE                       | Royal Air Force Lakenheath            | Consolidated Corrosion Control Facility .....    | 20,000                | 20,000                   |
| MILCON, AIR FORCE                       | Royal Air Force Lakenheath            | F-35A F-15 Parking .....                         | 10,800                | 10,800                   |
| MILCON, AIR FORCE                       | Royal Air Force Lakenheath            | F-35A Flight Simulator Facility .....            | 22,000                | 22,000                   |
| MILCON, AIR FORCE                       | Royal Air Force Lakenheath            | F-35A Field Training Detachment Facility .....   | 12,492                | 12,492                   |
| MILCON, AIR FORCE                       | Royal Air Force Lakenheath            | F-35A Infrastructure .....                       | 6,700                 | 6,700                    |
| MILCON, AIR FORCE                       | Royal Air Force Lakenheath            | F-35A 6-Bay Hangar .....                         | 24,000                | 24,000                   |
| MILCON, AIR FORCE                       | Royal Air Force Lakenheath            | F-35A Squadron Operations and AMU .....          | 41,000                | 41,000                   |
| MILCON, AIR FORCE                       | Utah Hill AFB                         | UTTR Consolidated Mission Control Center .....   | 28,000                | 28,000                   |
| <i>Worldwide Unspecified</i>            |                                       |  |                       |                          |
| MILCON, AIR FORCE                       | Unspecified Worldwide Locations       | KC-46A Main Operating Base 4 .....               | 269,000               | 253,000                  |
| MILCON, AIR FORCE                       | Unspecified Worldwide Locations       | Planning and Design .....                        | 0                     | 56,400                   |
| MILCON, AIR FORCE                       | Unspecified Worldwide Locations       | Planning and Design .....                        | 97,852                | 97,852                   |
| MILCON, AIR FORCE                       | Unspecified Worldwide Locations       | ERI: Planning and Design .....                   | 0                     | 56,630                   |
| MILCON, AIR FORCE                       | Various Worldwide Locations           | Unspecified Minor Construction .....             | 31,400                | 31,400                   |
| MILCON, AIR FORCE                       | Wyoming F. E. Warren AFB              | Consolidated Helo/TRF Ops/AMU and Alert Fac      | 62,000                | 62,000                   |
| <b>SUBTOTAL MILCON, AIR FORCE .....</b> |                                       |  | <b>1,738,796</b>      | <b>1,967,126</b>         |
| <b>MIL CON, DEF-WIDE</b>                |                                       |  |                       |                          |
| <i>California</i>                       |                                       |  |                       |                          |
| MIL CON, DEF-WIDE                       | Camp Pendleton, California            | SOF Marine Battalion Company/Team Facilities     | 9,958                 | 9,958                    |
| MIL CON, DEF-WIDE                       | Camp Pendleton, California            | SOF Motor Transport Facility Expansion .....     | 7,284                 | 7,284                    |
| MIL CON, DEF-WIDE                       | Camp Pendleton, California            | Ambulatory Care Center Replacement .....         | 26,400                | 26,400                   |
| MIL CON, DEF-WIDE                       | Coronado                              | SOF Basic Training Command .....                 | 96,077                | 96,077                   |
| MIL CON, DEF-WIDE                       | Coronado                              | SOF SEAL Team Ops Facility .....                 | 66,218                | 66,218                   |
| MIL CON, DEF-WIDE                       | Coronado                              | SOF Logistics Support Unit One Ops Fac. #3 ..... | 46,175                | 46,175                   |
| MIL CON, DEF-WIDE                       | Coronado                              | SOF SEAL Team Ops Facility .....                 | 50,265                | 50,265                   |
| <i>Colorado</i>                         |                                       |  |                       |                          |
| MIL CON, DEF-WIDE                       | Schriever AFB                         | Ambulatory Care Center/Dental Add./Alt. ....     | 10,200                | 10,200                   |
| <i>Conus Classified</i>                 |                                       |  |                       |                          |
| MIL CON, DEF-WIDE                       | Classified Location                   | Battalion Complex, PH 1 .....                    | 64,364                | 64,364                   |
| <i>Florida</i>                          |                                       |  |                       |                          |
| MIL CON, DEF-WIDE                       | Eglin AFB                             | SOF Simulator Facility .....                     | 5,000                 | 5,000                    |
| MIL CON, DEF-WIDE                       | Eglin AFB                             | Upgrade Open Storage Yard .....                  | 4,100                 | 4,100                    |
| MIL CON, DEF-WIDE                       | Hurlburt Field                        | SOF Simulator & Fuselage Trainer Facility .....  | 11,700                | 11,700                   |
| MIL CON, DEF-WIDE                       | Hurlburt Field                        | SOF Combat Aircraft Parking Apron .....          | 34,700                | 34,700                   |
| <i>Georgia</i>                          |                                       |  |                       |                          |
| MIL CON, DEF-WIDE                       | Fort Gordon                           | Blood Donor Center Replacement .....             | 10,350                | 10,350                   |
| <i>Germany</i>                          |                                       |  |                       |                          |
| MIL CON, DEF-WIDE                       | Rhine Ordnance Barracks               | Medical Center Replacement Incr 7 .....          | 106,700               | 106,700                  |
| MIL CON, DEF-WIDE                       | Spangdahlem AB                        | Spangdahlem Elementary School Replacement .....  | 79,141                | 79,141                   |
| MIL CON, DEF-WIDE                       | Stuttgart                             | Robinson Barracks Elem. School Replacement ..... | 46,609                | 46,609                   |
| <i>Greece</i>                           |                                       |  |                       |                          |

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|-------------------|---------------------------------------|---|-----------------------|--------------------------|
| MIL CON, DEF-WIDE | Souda Bay                             | Construct Hydrant System .....                    | 18,100                | 18,100                   |
|                   | Guam                                  |   |                       |                          |
| MIL CON, DEF-WIDE | Andersen AFB                          | Construct Truck Load & Unload Facility .....      | 23,900                | 23,900                   |
|                   | Hawaii                                |   |                       |                          |
| MIL CON, DEF-WIDE | Kunia                                 | NSAH Kunia Tunnel Entrance .....                  | 5,000                 | 5,000                    |
|                   | Italy                                 |   |                       |                          |
| MIL CON, DEF-WIDE | Signella                              | Construct Hydrant System .....                    | 22,400                | 22,400                   |
| MIL CON, DEF-WIDE | Vicenza                               | Vicenza High School Replacement .....             | 62,406                | 62,406                   |
|                   | Japan                                 |   |                       |                          |
| MIL CON, DEF-WIDE | Iwakuni                               | Construct Bulk Storage Tanks PH 1 .....           | 30,800                | 30,800                   |
| MIL CON, DEF-WIDE | Kadena AB                             | SOF Special Tactics Operations Facility .....     | 27,573                | 27,573                   |
| MIL CON, DEF-WIDE | Kadena AB                             | SOF Maintenance Hangar .....                      | 3,972                 | 3,972                    |
| MIL CON, DEF-WIDE | Okinawa                               | Replace Mooring System .....                      | 11,900                | 11,900                   |
| MIL CON, DEF-WIDE | Sasebo                                | Upgrade Fuel Wharf .....                          | 45,600                | 45,600                   |
| MIL CON, DEF-WIDE | Torii Commo Station                   | SOF Tactical Equipment Maintenance Fac .....      | 25,323                | 25,323                   |
| MIL CON, DEF-WIDE | Yokota AB                             | Hangar/Aircraft Maintenance Unit .....            | 12,034                | 12,034                   |
| MIL CON, DEF-WIDE | Yokota AB                             | Operations and Warehouse Facilities .....         | 8,590                 | 8,590                    |
| MIL CON, DEF-WIDE | Yokota AB                             | Simulator Facility .....                          | 2,189                 | 2,189                    |
| MIL CON, DEF-WIDE | Yokota AB                             | Airfield Apron .....                              | 10,800                | 10,800                   |
|                   | Maryland                              |   |                       |                          |
| MIL CON, DEF-WIDE | Bethesda Naval Hospital               | Medical Center Addition/Alteration Iner 2 .....   | 123,800               | 123,800                  |
| MIL CON, DEF-WIDE | Fort Meade                            | NSAW Recapitalize Building #2 Iner 3 .....        | 313,968               | 313,968                  |
|                   | Missouri                              |   |                       |                          |
| MIL CON, DEF-WIDE | Fort Leonard Wood                     | Hospital Replacement Ph 1 .....                   | 250,000               | 50,000                   |
| MIL CON, DEF-WIDE | Fort Leonard Wood                     | Blood Processing Center Replacement .....         | 11,941                | 11,941                   |
| MIL CON, DEF-WIDE | St Louis                              | Next NGA West (N2W) Complex Ph1 .....             | 381,000               | 50,000                   |
|                   | New Mexico                            |   |                       |                          |
| MIL CON, DEF-WIDE | Cannon AFB                            | SOF C-130 Age Facility .....                      | 8,228                 | 8,228                    |
|                   | North Carolina                        |   |                       |                          |
| MIL CON, DEF-WIDE | Camp Lejeune, North Carolina          | SOF Human Performance Training Center .....       | 10,800                | 10,800                   |
| MIL CON, DEF-WIDE | Camp Lejeune, North Carolina          | SOF Motor Transport Maintenance Expansion .....   | 20,539                | 20,539                   |
| MIL CON, DEF-WIDE | Camp Lejeune, North Carolina          | Ambulatory Care Center Addition/Alteration .....  | 15,300                | 15,300                   |
| MIL CON, DEF-WIDE | Camp Lejeune, North Carolina          | Ambulatory Care Center/Dental Clinic .....        | 21,400                | 21,400                   |
| MIL CON, DEF-WIDE | Camp Lejeune, North Carolina          | Ambulatory Care Center/Dental Clinic .....        | 22,000                | 22,000                   |
| MIL CON, DEF-WIDE | Fort Bragg                            | SOF Support Battalion Admin Facility .....        | 13,518                | 13,518                   |
| MIL CON, DEF-WIDE | Fort Bragg                            | SOF Human Performance Training Ctr .....          | 20,260                | 20,260                   |
| MIL CON, DEF-WIDE | Fort Bragg                            | SOF Tactical Equipment Maintenance Facility ..... | 20,000                | 20,000                   |
| MIL CON, DEF-WIDE | Fort Bragg                            | SOF Telecomm Reliability Improvements .....       | 4,000                 | 4,000                    |
| MIL CON, DEF-WIDE | Seymour Johnson AFB                   | Construct Tanker Truck Delivery System .....      | 20,000                | 20,000                   |
|                   | Puerto Rico                           |   |                       |                          |
| MIL CON, DEF-WIDE | Punta Borinquen                       | Ramey Unit School Replacement .....               | 61,071                | 61,071                   |
|                   | South Carolina                        |   |                       |                          |
| MIL CON, DEF-WIDE | Shaw AFB                              | Consolidate Fuel Facilities .....                 | 22,900                | 22,900                   |
|                   | Texas                                 |   |                       |                          |

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| <b>Account</b>    | <b>State/Country and Installation</b>       | <b>Project Title</b>                               | <b>Budget Request</b> | <b>Senate Authorized</b> |
|-------------------|---|--|-----------------------|--------------------------|
| MIL CON, DEF-WIDE | Fort Bliss                                  | Blood Processing Center .....                      | 8,300                 | 8,300                    |
| MIL CON, DEF-WIDE | Fort Bliss                                  | Hospital Replacement Iner 8 .....                  | 251,330               | 251,330                  |
|                   | United Kingdom                              |  |                       |                          |
| MIL CON, DEF-WIDE | Menwith Hill Station                        | RAFMH Main Gate Rehabilitation .....               | 11,000                | 11,000                   |
|                   | Utah  |  |                       |                          |
| MIL CON, DEF-WIDE | Hill AFB                                    | Replace POL Facilities .....                       | 20,000                | 20,000                   |
|                   | Virginia                                    |  |                       |                          |
| MIL CON, DEF-WIDE | Joint Expeditionary Base Little Creek—Story | SOP SATEC Range Expansion .....                    | 23,000                | 23,000                   |
| MIL CON, DEF-WIDE | Norfolk                                     | Replace Hazardous Materials Warehouse .....        | 18,500                | 18,500                   |
| MIL CON, DEF-WIDE | Pentagon                                    | Security Updates .....                             | 13,260                | 13,260                   |
| MIL CON, DEF-WIDE | Pentagon                                    | Pentagon Corr 8 Pedestrian Access Control Pt ..... | 8,140                 | 8,140                    |
| MIL CON, DEF-WIDE | Pentagon                                    | S.E. Safety Traffic and Parking Improvements ..... | 28,700                | 28,700                   |
| MIL CON, DEF-WIDE | Portsmouth                                  | Replace Harardous Materials Warehouse .....        | 22,500                | 22,500                   |
|                   | Worldwide Unspecified                       |  |                       |                          |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Unspecified Minor Construction .....               | 8,000                 | 8,000                    |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Planning and Design .....                          | 26,147                | 26,147                   |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Planning and Design .....                          | 39,746                | 39,746                   |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Unspecified Minor Construction .....               | 3,000                 | 3,000                    |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Unspecified Minor Construction .....               | 7,384                 | 7,384                    |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | ERI: Planning and Design .....                     | 0                     | 1,900                    |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Planning and Design .....                          | 1,150                 | 1,150                    |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Planning & Design .....                            | 23,012                | 23,012                   |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Unspecified Minor Construction .....               | 2,039                 | 2,039                    |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Energy Resilience and Conserv. Invest. Prog. ....  | 150,000               | 176,500                  |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Contingency Construction .....                     | 10,000                | 10,000                   |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Unspecified Minor Construction .....               | 3,000                 | 3,000                    |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Planning and Design .....                          | 13,500                | 13,500                   |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | ERCIP Design .....                                 | 10,000                | 10,000                   |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Unspecified Minor Construction .....               | 3,000                 | 3,000                    |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Planning and Design .....                          | 20,000                | 20,000                   |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Planning and Design .....                          | 40,220                | 40,220                   |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Unspecified Minor Construction .....               | 10,000                | 10,000                   |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Exercise Related Minor Construction .....          | 11,490                | 11,490                   |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Planning and Design .....                          | 0                     | 1,150                    |
| MIL CON, DEF-WIDE | Unspecified Worldwide Locations             | Planning and Design .....                          | 1,942                 | 1,942                    |
|                   | <b>SUBTOTAL MIL CON, DEF-WIDE</b> .....     |  | <b>3,114,913</b>      | <b>2,613,463</b>         |
|                   | <b>MILCON, ARNG</b>                         |  |                       |                          |
|                   | Delaware                                    |  |                       |                          |
| MILCON, ARNG      | New Castle                                  | Combined Support Maintenance Shop .....            | 36,000                | 36,000                   |
|                   | Idaho                                       |  |                       |                          |
| MILCON, ARNG      | Mission Training Center Gowen               | Enlisted Barracks, Transient Training .....        | 0                     | 9,000                    |
| MILCON, ARNG      | Orchard Trainiq Area                        | Digital Air/Ground Integration Range .....         | 22,000                | 22,000                   |
|                   | Iowa  |  |                       |                          |
| MILCON, ARNG      | Camp Dodge                                  | Vehicle Maintenance Instructional Facility .....   | 0                     | 8,500                    |

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|-----------------------|---------------------------------------|---|-----------------------|--------------------------|
|                       | <i>Kansas</i>                         |   |                       |                          |
| MILCON, ARNG          | Fort Leavenworth                      | Enlisted Barracks, Transient Training .....     | 0                     | 19,000                   |
|                       | <i>Maine</i>                          |   |                       |                          |
| MILCON, ARNG          | Presque Isle                          | National Guard Readiness Center .....           | 17,500                | 17,500                   |
|                       | <i>Maryland</i>                       |   |                       |                          |
| MILCON, ARNG          | Sykesville                            | National Guard Readiness Center .....           | 19,000                | 19,000                   |
|                       | <i>Minnesota</i>                      |   |                       |                          |
| MILCON, ARNG          | Arden Hills                           | National Guard Readiness Center .....           | 39,000                | 39,000                   |
|                       | <i>Missouri</i>                       |   |                       |                          |
| MILCON, ARNG          | Springfield                           | Aircraft Maintenance Hangar (Addition) .....    | 0                     | 32,000                   |
|                       | <i>New Mexico</i>                     |   |                       |                          |
| MILCON, ARNG          | Las Cruces                            | National Guard Readiness Center Addition .....  | 8,600                 | 8,600                    |
|                       | <i>Virginia</i>                       |   |                       |                          |
| MILCON, ARNG          | Fort Belvoir                          | National Guard Readiness Center .....           | 0                     | 15,000                   |
| MILCON, ARNG          | Fort Pickett                          | Training Aids Center .....                      | 4,550                 | 4,550                    |
|                       | <i>Washington</i>                     |   |                       |                          |
| MILCON, ARNG          | Tumwater                              | National Guard Readiness Center .....           | 31,000                | 31,000                   |
|                       | <i>Worldwide Unspecified</i>          |   |                       |                          |
| MILCON, ARNG          | Unspecified Worldwide Locations       | Unspecified Minor Construction .....            | 16,731                | 16,731                   |
| MILCON, ARNG          | Unspecified Worldwide Locations       | Planning and Design .....                       | 16,271                | 16,271                   |
|                       | <b>SUBTOTAL MILCON, ARNG</b> .....    |   | <b>210,652</b>        | <b>294,152</b>           |
| <b>MILCON, ANG</b>    |                                       |   |                       |                          |
|                       | <i>California</i>                     |   |                       |                          |
| MILCON, ANG           | March AFB                             | TFI Construct RPA Flight Training Unit .....    | 15,000                | 15,000                   |
|                       | <i>Colorado</i>                       |   |                       |                          |
| MILCON, ANG           | Peterson AFB                          | Space Control Facility .....                    | 8,000                 | 8,000                    |
|                       | <i>Connecticut</i>                    |   |                       |                          |
| MILCON, ANG           | Bradley IAP                           | Construct Base Entry Complex .....              | 7,000                 | 7,000                    |
|                       | <i>Indiana</i>                        |   |                       |                          |
| MILCON, ANG           | Hulman Regional Airport               | Construct Small Arms Range .....                | 0                     | 8,000                    |
|                       | <i>Kentucky</i>                       |   |                       |                          |
| MILCON, ANG           | Louisville IAP                        | Add/Alter Response Forces Facility .....        | 9,000                 | 9,000                    |
|                       | <i>Mississippi</i>                    |   |                       |                          |
| MILCON, ANG           | Jackson International Airport         | Construct Small Arms Range .....                | 0                     | 8,000                    |
|                       | <i>Missouri</i>                       |   |                       |                          |
| MILCON, ANG           | Rosecrans Memorial Airport            | Replace Communications Facility .....           | 10,000                | 10,000                   |
|                       | <i>New York</i>                       |   |                       |                          |
| MILCON, ANG           | Hancock Field                         | Add to Flight Training Unit, Building 641 ..... | 6,800                 | 6,800                    |
|                       | <i>Ohio</i>                           |   |                       |                          |
| MILCON, ANG           | Toledo Express Airport                | NORTHCOM—Construct Alert Hangar .....           | 15,000                | 15,000                   |
|                       | <i>Oklahoma</i>                       |   |                       |                          |
| MILCON, ANG           | Tulsa International Airport           | Construct Small Arms Range .....                | 0                     | 8,000                    |
|                       | <i>Oregon</i>                         |   |                       |                          |
| MILCON, ANG           | Klamath Falls IAP                     | Construct Corrosion Control Hangar .....        | 10,500                | 10,500                   |
| MILCON, ANG           | Klamath Falls IAP                     | Construct Indoor Range .....                    | 8,000                 | 8,000                    |
|                       | <i>South Dakota</i>                   |   |                       |                          |
| MILCON, ANG           | Joe Foss Field                        | Aircraft Maintenance Shops .....                | 12,000                | 12,000                   |
|                       | <i>Tennessee</i>                      |   |                       |                          |
| MILCON, ANG           | McGhee-Tyson Airport                  | Replace KC-135 Maintenance Hangar and Shops     | 25,000                | 25,000                   |
|                       | <i>Worldwide Unspecified</i>          |   |                       |                          |
| MILCON, ANG           | Unspecified Worldwide Locations       | Planning and Design .....                       | 0                     | 2,000                    |
| MILCON, ANG           | Unspecified Worldwide Locations       | Planning and Design .....                       | 18,000                | 18,000                   |
| MILCON, ANG           | Unspecified Worldwide Locations       | Unspecified Minor Construction .....            | 17,191                | 17,191                   |
|                       | <b>SUBTOTAL MILCON, ANG</b> .....     |   | <b>161,491</b>        | <b>187,491</b>           |
| <b>MILCON, ARMY R</b> |                                       |   |                       |                          |
|                       | <i>California</i>                     |   |                       |                          |
| MILCON, ARMY R        | Fallbrook                             | Army Reserve Center .....                       | 36,000                | 36,000                   |
|                       | <i>Delaware</i>                       |   |                       |                          |
| MILCON, ARMY R        | Newark                                | Army Reserve Center .....                       | 0                     | 19,500                   |
|                       | <i>Ohio</i>                           |   |                       |                          |
| MILCON, ARMY R        | Wright-Patterson AFB                  | Area Maintenance Support Activity .....         | 0                     | 9,100                    |
|                       | <i>Puerto Rico</i>                    |   |                       |                          |
| MILCON, ARMY R        | Aguadilla                             | Army Reserve Center .....                       | 12,400                | 12,400                   |
|                       | <i>Washington</i>                     |   |                       |                          |
| MILCON, ARMY R        | Joint Base Lewis-McChord              | Army Reserve Center .....                       | 0                     | 30,000                   |

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|--|--|---|-----------------------|--------------------------|
| MILCON, ARMY R                           | Wisconsin<br>Fort McCoy                                      | AT/MOB Dining Facility-1428 PN .....              | 13,000                | 13,000                   |
| MILCON, ARMY R                           | Worldwide Unspecified<br>Unspecified Worldwide<br>Locations  | Planning and Design .....                         | 6,887                 | 6,887                    |
| MILCON, ARMY R                           | Unspecified Worldwide<br>Locations                           | Unspecified Minor Construction .....              | 5,425                 | 5,425                    |
| <b>SUBTOTAL MILCON, ARMY R .....</b>     |  |   | <b>73,712</b>         | <b>132,312</b>           |
| <b>MIL CON, NAVY RES</b>                 |  |   |                       |                          |
| MIL CON, NAVY RES                        | California<br>Lemoore  | Naval Operational Support Center Lemoore .....    | 17,330                | 17,330                   |
| MIL CON, NAVY RES                        | Georgia<br>Fort Gordon                                       | Naval Operational Support Center Fort Gordon ...  | 17,797                | 17,797                   |
| MIL CON, NAVY RES                        | New Jersey<br>Joint Base McGuire-Dix-<br>Lakehurst           | Aircraft Apron, Taxiway & Support Facilities .... | 11,573                | 11,573                   |
| MIL CON, NAVY RES                        | Texas<br>Fort Worth  | KC130-J Eacts Facility .....                      | 12,637                | 12,637                   |
| MIL CON, NAVY RES                        | Worldwide Unspecified<br>Unspecified Worldwide<br>Locations  | Unspecified Minor Construction .....              | 1,504                 | 1,504                    |
| MIL CON, NAVY RES                        | Unspecified Worldwide<br>Locations                           | Planning & Design .....                           | 4,430                 | 4,430                    |
| <b>SUBTOTAL MIL CON, NAVY RES .....</b>  |  |   | <b>65,271</b>         | <b>65,271</b>            |
| <b>MILCON, AF RES</b>                    |  |   |                       |                          |
| MILCON, AF RES                           | Florida<br>Patrick AFB                                       | Guardian Angel Facility .....                     | 25,000                | 25,000                   |
| MILCON, AF RES                           | Georgia<br>Robins AFB  | Consolidated Mission Complex Phase 2 .....        | 0                     | 32,000                   |
| MILCON, AF RES                           | Guam<br>Joint Region Marianas                                | Reserve Medical Training Facility .....           | 5,200                 | 5,200                    |
| MILCON, AF RES                           | Hawaii<br>Joint Base Pearl Harbor-<br>Hickam                 | Consolidated Training Facility .....              | 5,500                 | 5,500                    |
| MILCON, AF RES                           | Massachusetts<br>Westover ARB                                | Indoor Small Arms Range .....                     | 10,000                | 10,000                   |
| MILCON, AF RES                           | Westover ARB   | Maintenance Facility Shops .....                  | 0                     | 51,100                   |
| MILCON, AF RES                           | Minnesota<br>Minneapolis-St Paul IAP                         | Indoor Small Arms Range .....                     | 0                     | 9,000                    |
| MILCON, AF RES                           | North Carolina<br>Seymour Johnson AFB                        | KC-46A ADAL for Alt Mission Storage .....         | 6,400                 | 6,400                    |
| MILCON, AF RES                           | Texas<br>NAS JRB Fort Worth                                  | Munitions Training/Admin Facility .....           | 0                     | 3,100                    |
| MILCON, AF RES                           | Utah<br>Hill AFB   | Add/Alter Life Support Facility .....             | 3,100                 | 3,100                    |
| MILCON, AF RES                           | Worldwide Unspecified<br>Unspecified Worldwide<br>Locations  | Planning & Design .....                           | 0                     | 13,500                   |
| MILCON, AF RES                           | Unspecified Worldwide<br>Locations                           | Planning & Design .....                           | 4,725                 | 4,725                    |
| MILCON, AF RES                           | Unspecified Worldwide<br>Locations                           | Unspecified Minor Construction .....              | 3,610                 | 3,610                    |
| <b>SUBTOTAL MILCON, AF RES .....</b>     |  |   | <b>63,535</b>         | <b>172,235</b>           |
| <b>NATO SEC INV PRGM</b>                 |  |   |                       |                          |
| NATO SEC INV<br>PRGM                     | Worldwide Unspecified<br>Nato Security Investment<br>Program | Nato Security Investment Program .....            | 154,000               | 154,000                  |
| <b>SUBTOTAL NATO SEC INV PRGM .....</b>  |  |   | <b>154,000</b>        | <b>154,000</b>           |
| <b>TOTAL MILITARY CONSTRUCTION .....</b> |  |   | <b>8,119,429</b>      | <b>8,568,513</b>         |
| <b>FAMILY HOUSING</b>                    |  |   |                       |                          |
| <b>FAM HSG CON, ARMY</b>                 |  |   |                       |                          |
| FAM HSG CON,<br>ARMY                     | Georgia<br>Fort Gordon                                       | Family Housing New Construction .....             | 6,100                 | 6,100                    |
| FAM HSG CON,<br>ARMY                     | Germany<br>Baumholder  | Construction Improvements .....                   | 34,156                | 34,156                   |
| FAM HSG CON,<br>ARMY                     | South Camp Vilsack   | Family Housing New Construction (36 Units) .....  | 22,445                | 22,445                   |

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|---|---------------------------------------|---|-----------------------|--------------------------|
|   | <i>Korea</i>                          |   |                       |                          |
| FAM HSG CON, ARMY                           | Camp Humphreys                        | Family Housing New Construction Incr 2 .....  | 34,402                | 34,402                   |
|   | <i>Kwajalein</i>                      |   |                       |                          |
| FAM HSG CON, ARMY                           | Kwajalein Atoll                       | Family Housing Replacement Construction ..... | 31,000                | 0                        |
|   | <i>Massachusetts</i>                  |   |                       |                          |
| FAM HSG CON, ARMY                           | Natick                                | Family Housing Replacement Construction ..... | 21,000                | 21,000                   |
|   | <i>Worldwide Unspecified</i>          |   |                       |                          |
| FAM HSG CON, ARMY                           | Unspecified Worldwide Locations       | Planning & Design .....                       | 33,559                | 33,559                   |
| <b>SUBTOTAL FAM HSG CON, ARMY</b> .....     |                                       |   | <b>182,662</b>        | <b>151,662</b>           |
| <b>FAM HSG O&amp;M, ARMY</b>                |                                       |   |                       |                          |
|   | <i>Worldwide Unspecified</i>          |   |                       |                          |
| FAM HSG O&M, ARMY                           | Unspecified Worldwide Locations       | Management .....                              | 37,089                | 37,089                   |
| FAM HSG O&M, ARMY                           | Unspecified Worldwide Locations       | Services .....                                | 8,930                 | 8,930                    |
| FAM HSG O&M, ARMY                           | Unspecified Worldwide Locations       | Furnishings .....                             | 12,816                | 12,816                   |
| FAM HSG O&M, ARMY                           | Unspecified Worldwide Locations       | Miscellaneous .....                           | 400                   | 400                      |
| FAM HSG O&M, ARMY                           | Unspecified Worldwide Locations       | Maintenance .....                             | 57,708                | 57,708                   |
| FAM HSG O&M, ARMY                           | Unspecified Worldwide Locations       | Utilities .....                               | 60,251                | 60,251                   |
| FAM HSG O&M, ARMY                           | Unspecified Worldwide Locations       | Leasing .....                                 | 148,538               | 148,538                  |
| FAM HSG O&M, ARMY                           | Unspecified Worldwide Locations       | Housing Privatization Support .....           | 20,893                | 20,893                   |
| <b>SUBTOTAL FAM HSG O&amp;M, ARMY</b> ..... |                                       |   | <b>346,625</b>        | <b>346,625</b>           |
| <b>FAM HSG CON, N/MC</b>                    |                                       |   |                       |                          |
|   | <i>Bahrain Island</i>                 |   |                       |                          |
| FAM HSG CON, N/MC                           | SW Asia                               | Construct On-Base GFOQ .....                  | 2,138                 | 2,138                    |
|   | <i>Mariana Islands</i>                |   |                       |                          |
| FAM HSG CON, N/MC                           | Guam                                  | Replace Andersen Housing PH II .....          | 40,875                | 0                        |
|   | <i>Worldwide Unspecified</i>          |   |                       |                          |
| FAM HSG CON, N/MC                           | Unspecified Worldwide Locations       | Construction Improvements .....               | 36,251                | 36,251                   |
| FAM HSG CON, N/MC                           | Unspecified Worldwide Locations       | Planning & Design .....                       | 4,418                 | 4,418                    |
| <b>SUBTOTAL FAM HSG CON, N/MC</b> .....     |                                       |   | <b>83,682</b>         | <b>42,807</b>            |
| <b>FAM HSG O&amp;M, N/MC</b>                |                                       |   |                       |                          |
|   | <i>Worldwide Unspecified</i>          |   |                       |                          |
| FAM HSG O&M, N/MC                           | Unspecified Worldwide Locations       | Utilities .....                               | 62,167                | 62,167                   |
| FAM HSG O&M, N/MC                           | Unspecified Worldwide Locations       | Furnishings .....                             | 14,529                | 14,529                   |
| FAM HSG O&M, N/MC                           | Unspecified Worldwide Locations       | Management .....                              | 50,989                | 50,989                   |
| FAM HSG O&M, N/MC                           | Unspecified Worldwide Locations       | Miscellaneous .....                           | 336                   | 336                      |
| FAM HSG O&M, N/MC                           | Unspecified Worldwide Locations       | Services .....                                | 15,649                | 15,649                   |
| FAM HSG O&M, N/MC                           | Unspecified Worldwide Locations       | Leasing .....                                 | 61,921                | 61,921                   |
| FAM HSG O&M, N/MC                           | Unspecified Worldwide Locations       | Maintenance .....                             | 95,104                | 95,104                   |
| FAM HSG O&M, N/MC                           | Unspecified Worldwide Locations       | Housing Privatization Support .....           | 27,587                | 27,587                   |
| <b>SUBTOTAL FAM HSG O&amp;M, N/MC</b> ..... |                                       |   | <b>328,282</b>        | <b>328,282</b>           |
| <b>FAM HSG CON, AF</b>                      |                                       |   |                       |                          |
|   | <i>Worldwide Unspecified</i>          |   |                       |                          |
| FAM HSG CON, AF                             | Unspecified Worldwide Locations       | Construction Improvements .....               | 80,617                | 80,617                   |
| FAM HSG CON, AF                             | Unspecified Worldwide Locations       | Planning & Design .....                       | 4,445                 | 4,445                    |

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|---|---------------------------------------|--|-----------------------|--------------------------|
| <b>SUBTOTAL FAM HSG CON, AF</b> .....       |                                       |  | <b>85,062</b>         | <b>85,062</b>            |
| <b>FAM HSG O&amp;M, AF</b>                  |                                       |  |                       |                          |
|   | Worldwide Unspecified                 |  |                       |                          |
| FAM HSG O&M, AF                             | Unspecified Worldwide Locations       | Housing Privatization .....                | 21,569                | 21,569                   |
| FAM HSG O&M, AF                             | Unspecified Worldwide Locations       | Utilities .....                            | 47,504                | 47,504                   |
| FAM HSG O&M, AF                             | Unspecified Worldwide Locations       | Management .....                           | 53,464                | 53,464                   |
| FAM HSG O&M, AF                             | Unspecified Worldwide Locations       | Services .....                             | 13,517                | 13,517                   |
| FAM HSG O&M, AF                             | Unspecified Worldwide Locations       | Furnishings .....                          | 29,424                | 29,424                   |
| FAM HSG O&M, AF                             | Unspecified Worldwide Locations       | Miscellaneous .....                        | 1,839                 | 1,839                    |
| FAM HSG O&M, AF                             | Unspecified Worldwide Locations       | Leasing .....                              | 16,818                | 16,818                   |
| FAM HSG O&M, AF                             | Unspecified Worldwide Locations       | Maintenance .....                          | 134,189               | 134,189                  |
| <b>SUBTOTAL FAM HSG O&amp;M, AF</b> .....   |                                       |  | <b>318,324</b>        | <b>318,324</b>           |
| <b>FAM HSG O&amp;M, DW</b>                  |                                       |  |                       |                          |
|   | Worldwide Unspecified                 |  |                       |                          |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Utilities .....                            | 4,100                 | 4,100                    |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Furnishings .....                          | 407                   | 407                      |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Utilities .....                            | 268                   | 268                      |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Leasing .....                              | 12,390                | 12,390                   |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Maintenance .....                          | 655                   | 655                      |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Furnishings .....                          | 641                   | 641                      |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Leasing .....                              | 39,716                | 39,716                   |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Furnishings .....                          | 6                     | 6                        |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Services .....                             | 14                    | 14                       |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Utilities .....                            | 86                    | 86                       |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Maintenance .....                          | 567                   | 567                      |
| FAM HSG O&M, DW                             | Unspecified Worldwide Locations       | Management .....                           | 319                   | 319                      |
| <b>SUBTOTAL FAM HSG O&amp;M, DW</b> .....   |                                       |  | <b>59,169</b>         | <b>59,169</b>            |
| <b>FAM HSG IMPROVE FUND</b>                 |                                       |  |                       |                          |
|   | Worldwide Unspecified                 |  |                       |                          |
| FAM HSG IMPROVE FUND                        | Unspecified Worldwide Locations       | Administrative Expenses—Fltjif .....       | 2,726                 | 2,726                    |
| <b>SUBTOTAL FAM HSG IMPROVE FUND</b> .....  |                                       |  | <b>2,726</b>          | <b>2,726</b>             |
| <b>TOTAL FAMILY HOUSING</b> .....           |                                       |  | <b>1,406,532</b>      | <b>1,334,657</b>         |
| <b>DEFENSE BASE REALIGNMENT AND CLOSURE</b> |                                       |  |                       |                          |
| <b>DOD BRAC—ARMY</b>                        |                                       |  |                       |                          |
|   | Worldwide Unspecified                 |  |                       |                          |
| DOD BRAC—ARMY                               | Base Realignment & Closure, Army      | Base Realignment and Closure .....         | 58,000                | 58,000                   |
| <b>SUBTOTAL DOD BRAC—ARMY</b> .....         |                                       |  | <b>58,000</b>         | <b>58,000</b>            |
| <b>DOD BRAC—NAVY</b>                        |                                       |  |                       |                          |
|   | Worldwide Unspecified                 |  |                       |                          |
| DOD BRAC—NAVY                               | Base Realignment & Closure, Navy      | Base Realignment & Closure .....           | 93,474                | 93,474                   |
| DOD BRAC—NAVY                               | Unspecified Worldwide Locations       | DON-172: NWS Seal Beach, Concord, CA ..... | 5,355                 | 5,355                    |
| DOD BRAC—NAVY                               | Unspecified Worldwide Locations       | DON-138: NAS Brunswick, ME .....           | 647                   | 647                      |

**SEC. 4601. MILITARY CONSTRUCTION**  
(In Thousands of Dollars)

| <b>Account</b>   | <b>State/Country and Installation</b>                        | <b>Project Title</b>                            | <b>Budget Request</b> | <b>Senate Authorized</b> |
|--|--|---|-----------------------|--------------------------|
| DOD BRAC—NAVY  | Unspecified Worldwide Locations                              | DON-157: MCSA Kansas City, MO .....             | 40                    | 40                       |
| DOD BRAC—NAVY  | Unspecified Worldwide Locations                              | DON-84: JRB Willow Grove & Cambria Reg AP ..... | 4,737                 | 4,737                    |
| DOD BRAC—NAVY  | Unspecified Worldwide Locations                              | Undistributed .....                             | 7,210                 | 7,210                    |
| DOD BRAC—NAVY  | Unspecified Worldwide Locations                              | DON-100: Planning, Design and Management .....  | 8,428                 | 8,428                    |
| DOD BRAC—NAVY  | Unspecified Worldwide Locations                              | DON-101: Various Locations .....                | 23,753                | 23,753                   |
| <b>SUBTOTAL DOD BRAC—NAVY .....</b>                                |  |   | <b>143,644</b>        | <b>143,644</b>           |
| <b>DOD BRAC—AIR FORCE</b>  |  |   |                       |                          |
| DOD BRAC—AIR FORCE   | Worldwide Unspecified Unspecified Worldwide Locations        | DoD BRAC Activities—Air Force .....             | 54,223                | 54,223                   |
| <b>SUBTOTAL DOD BRAC—AIR FORCE .....</b>                           |  |   | <b>54,223</b>         | <b>54,223</b>            |
| <b>TOTAL DEFENSE BASE REALIGNMENT AND CLOSURE .....</b>            |  |   | <b>255,867</b>        | <b>255,867</b>           |
| <b>UNACCOMP HSG IMPRV FUND</b>                                     |  |   |                       |                          |
| <b>UNACCOMP HSG IMPRV FUND</b>                                     |  |   |                       |                          |
| UNACCOMP HSG IMPRV FUND  | Worldwide Unspecified Unaccompanied Housing Improvement Fund | Administrative Expenses—UHIF .....              | 623                   | 623                      |
| <b>SUBTOTAL UNACCOMP HSG IMPRV FUND .....</b>                      |  |   | <b>623</b>            | <b>623</b>               |
| <b>TOTAL UNACCOMP HSG IMPRV FUND .....</b>                         |  |   | <b>623</b>            | <b>623</b>               |
| <b>TOTAL MILITARY CONSTRUCTION, FAMILY HOUSING, AND BRAC .....</b> |  |   | <b>9,782,451</b>      | <b>10,159,660</b>        |

1 **SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CON-**  
2 **TINGENCY OPERATIONS.**

**SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <b>Account</b>                      | <b>State or Country and Installation</b>              | <b>Project Title</b>                               | <b>Budget Request</b> | <b>Senate Authorized</b> |
|-------------------------------------|---|--|-----------------------|--------------------------|
| <b>MILITARY CONSTRUCTION</b>        |   |  |                       |                          |
| <b>MILCON, ARMY</b>                 |   |  |                       |                          |
| MILCON, ARMY                        | Guantanamo Bay, Cuba Guantanamo Bay                   | OCO: Barracks .....                                | 115,000               | 115,000                  |
| MILCON, ARMY                        | Worldwide Unspecified Unspecified Worldwide Locations | ERI: Planning and Design .....                     | 15,700                | 0                        |
| MILCON, ARMY                        | Unspecified Worldwide Locations                       | OCO: Planning and Design .....                     | 9,000                 | 9,000                    |
| <b>SUBTOTAL MILCON, ARMY .....</b>  |   |  | <b>139,700</b>        | <b>124,000</b>           |
| <b>MIL CON, NAVY</b>                |   |  |                       |                          |
| MIL CON, NAVY                       | Worldwide Unspecified Unspecified Worldwide Locations | ERI: Planning and Design .....                     | 18,500                | 0                        |
| <b>SUBTOTAL MIL CON, NAVY .....</b> |   |  | <b>18,500</b>         | <b>0</b>                 |
| <b>MILCON, AIR FORCE</b>            |   |  |                       |                          |
| <i>Estonia</i>                      |   |  |                       |                          |
| MILCON, AIR FORCE                   | Amari Air Base  | ERI: POL Capacity Phase II .....                   | 4,700                 | 0                        |
| MILCON, AIR FORCE                   | Amari Air Base  | ERI: Tactical Fighter Aircraft Parking Apron ..... | 9,200                 | 0                        |
| <i>Hungary</i>                      |   |  |                       |                          |
| MILCON, AIR FORCE                   | Kecskeket AB  | ERI: Increase POL Storage Capacity .....           | 12,500                | 0                        |
| MILCON, AIR FORCE                   | Kecskeket AB  | ERI: Construct Parallel Taxiway .....              | 30,000                | 0                        |
| MILCON, AIR FORCE                   | Kecskeket AB  | ERI: Airfield Upgrades .....                       | 12,900                | 0                        |

**SEC. 4602. MILITARY CONSTRUCTION FOR OVERSEAS CONTINGENCY OPERATIONS**  
(In Thousands of Dollars)

| <b>Account</b>   | <b>State or Country and Installation</b> | <b>Project Title</b>                             | <b>Budget Request</b> | <b>Senate Authorized</b> |
|--|--|--|-----------------------|--------------------------|
|  | <i>Iceland</i>                           |  |                       |                          |
| MILCON, AIR FORCE  | <i>Keftavik</i>                          | ERI: Airfield Upgrades .....                     | 14,400                | 0                        |
|  | <i>Jordan</i>                            |  |                       |                          |
| MILCON, AIR FORCE  | <i>Azraq</i>                             | OCO: MSAB Development .....                      | 143,000               | 143,000                  |
|  | <i>Latvia</i>                            |  |                       |                          |
| MILCON, AIR FORCE  | <i>Lielvarde Air Base</i>                | ERI: Expand Strategic Ramp Parking .....         | 3,850                 | 0                        |
|  | <i>Luxembourg</i>                        |  |                       |                          |
| MILCON, AIR FORCE  | <i>Sanem</i>                             | ERI: ECAOS Deployable Airbase System Storage     | 67,400                | 0                        |
|  | <i>Norway</i>                            |  |                       |                          |
| MILCON, AIR FORCE  | <i>Rygge</i>                             | ERI: Replace/Expand Quick Reaction Alert Pad ..  | 10,300                | 0                        |
|  | <i>Romania</i>                           |  |                       |                          |
| MILCON, AIR FORCE  | <i>Campia Turzii</i>                     | ERI: Upgrade Utilities Infrastructure .....      | 2,950                 | 0                        |
|  | <i>Slovakia</i>                          |  |                       |                          |
| MILCON, AIR FORCE  | <i>Malacky</i>                           | ERI: Increase POL Storage Capacity .....         | 20,000                | 0                        |
| MILCON, AIR FORCE  | <i>Malacky</i>                           | ERI: Airfield Upgrades .....                     | 4,000                 | 0                        |
| MILCON, AIR FORCE  | <i>Sliac Airport</i>                     | ERI: Airfield Upgrades .....                     | 22,000                | 0                        |
|  | <i>Turkey</i>                            |  |                       |                          |
| MILCON, AIR FORCE  | <i>Incirlik AB</i>                       | OCO: Replace Perimeter Fence .....               | 8,100                 | 8,100                    |
| MILCON, AIR FORCE  | <i>Incirlik AB</i>                       | OCO: Relocate Base Main Access Control Point ... | 14,600                | 14,600                   |
|  | <i>Worldwide Unspecified</i>             |  |                       |                          |
| MILCON, AIR FORCE  | <i>Unspecified Worldwide Locations</i>   | ERI: Planning and Design .....                   | 56,630                | 0                        |
| MILCON, AIR FORCE  | <i>Unspecified Worldwide Locations</i>   | OCO—Planning and Design .....                    | 41,500                | 41,500                   |
| <b>SUBTOTAL MILCON, AIR FORCE .....</b>                            |  |  | <b>478,030</b>        | <b>207,200</b>           |
| <b>MIL CON, DEF-WIDE</b>   |  |  |                       |                          |
|  | <i>Worldwide Unspecified</i>             |  |                       |                          |
| MIL CON, DEF-WIDE  | <i>Unspecified Worldwide Locations</i>   | ERI: Planning and Design .....                   | 1,900                 | 0                        |
| <b>SUBTOTAL MIL CON, DEF-WIDE .....</b>                            |  |  | <b>1,900</b>          | <b>0</b>                 |
| <b>TOTAL MILITARY CONSTRUCTION .....</b>                           |  |  | <b>638,130</b>        | <b>331,200</b>           |
| <b>TOTAL MILITARY CONSTRUCTION, FAMILY HOUSING, AND BRAC .....</b> |  |  | <b>638,130</b>        | <b>331,200</b>           |

1 **TITLE XLVII—DEPARTMENT OF**  
2 **ENERGY NATIONAL SECURITY**  
3 **PROGRAMS**

4 **SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY**  
5 **PROGRAMS.**

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

| <b>Program</b>   | <b>FY 2018 Request</b> | <b>Senate Authorized</b> |
|--|------------------------|--------------------------|
| <b>Discretionary Summary by Appropriation</b>            |                        |                          |
| <b>Energy and Water Development and Related Agencies</b> |                        |                          |
| <b>Appropriation Summary:</b>                            |                        |                          |
| <b>Energy Programs</b>                                   |                        |                          |
| <i>Nuclear energy .....</i>                              | 133,000                | 133,000                  |

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

| Program  | FY 2018<br>Request | Senate<br>Authorized |
|--|--------------------|----------------------|
| <b>Atomic Energy Defense Activities</b>                                  |                    |                      |
| <b>National nuclear security administration:</b>                         |                    |                      |
| Weapons activities .....   | 10,239,344         | 10,512,944           |
| Defense nuclear nonproliferation .....                                   | 1,793,310          | 2,043,607            |
| Naval reactors .....   | 1,479,751          | 1,517,751            |
| Federal Salaries and Expenses .....                                      | 418,595            | 418,595              |
| <b>Total, National nuclear security administration .....</b>             | <b>13,931,000</b>  | <b>14,492,897</b>    |
| <b>Environmental and other defense activities:</b>                       |                    |                      |
| Other defense activities .....   | 815,512            | 815,512              |
| Defense nuclear waste disposal .....                                     | 30,000             | 30,000               |
| <b>Total, Environmental &amp; other defense activities .....</b>         | <b>845,512</b>     | <b>845,512</b>       |
| <b>Total, Atomic Energy Defense Activities .....</b>                     | <b>14,776,512</b>  | <b>15,338,409</b>    |
| <b>Subtotal, Energy And Water Development and Related Agencies .....</b> | <b>14,909,512</b>  | <b>15,471,409</b>    |
| Defense EM funded .....  | 5,537,186          | 5,537,186            |
| Uranium enrichment D&D fund contribution .....                           | 0                  | 0                    |
| <b>Total, Discretionary Funding .....</b>                                | <b>20,446,698</b>  | <b>21,008,595</b>    |
| <b>Nuclear Energy</b>  |                    |                      |
| Idaho sitewide safeguards and security .....                             | 133,000            | 133,000              |
| <b>Total, Nuclear Energy .....</b>                                       | <b>133,000</b>     | <b>133,000</b>       |
| Defense (050) function.....(non-add) .....                               | ( 133,000)         | -133,000             |
| <b>Weapons Activities</b>  |                    |                      |
| <b>Directed stockpile work</b>   |                    |                      |
| <b>Life extension programs and major alterations</b>                     |                    |                      |
| B61 Life extension program .....   | 788,572            | 788,572              |
| W76 Life extension program .....   | 224,134            | 224,134              |
| W88 Alt 370 .....  | 0                  | 0                    |
| W88 Alteration program .....   | 332,292            | 332,292              |
| W80-4 Life extension program .....                                       | 399,090            | 399,090              |
| <b>Total, Life extension programs and major alterations .....</b>        | <b>1,744,088</b>   | <b>1,744,088</b>     |
| <b>Stockpile systems</b>   |                    |                      |
| B61 Stockpile systems .....  | 59,729             | 59,729               |
| W76 Stockpile systems .....  | 51,400             | 51,400               |
| W78 Stockpile systems .....  | 60,100             | 60,100               |
| W80 Stockpile systems .....  | 80,087             | 80,087               |
| B83 Stockpile systems .....  | 35,762             | 35,762               |
| W87 Stockpile systems .....  | 83,200             | 83,200               |
| W88 Stockpile systems .....  | 131,576            | 131,576              |
| <b>Total, Stockpile systems .....</b>                                    | <b>501,854</b>     | <b>501,854</b>       |
| <b>Weapons dismantlement and disposition</b>                             |                    |                      |
| Operations and maintenance .....   | 52,000             | 52,000               |
| <b>Stockpile services</b>  |                    |                      |
| Production support .....   | 470,400            | 470,400              |
| Research and development support .....                                   | 31,150             | 31,150               |
| R&D certification and safety .....                                       | 196,840            | 217,740              |
| Program increase for technology maturation .....                         |                    | [20,900]             |
| Management, technology, and production .....                             | 285,400            | 285,400              |
| <b>Total, Stockpile services .....</b>                                   | <b>983,790</b>     | <b>1,004,690</b>     |
| <b>Strategic materials</b>   |                    |                      |
| Uranium sustainment .....  | 20,579             | 20,579               |
| Plutonium sustainment .....  | 210,367            | 210,367              |
| Tritium sustainment .....  | 198,152            | 198,152              |
| Domestic uranium enrichment .....  | 60,000             | 60,000               |
| Strategic materials sustainment .....                                    | 206,196            | 206,196              |
| <b>Total, Strategic materials .....</b>                                  | <b>695,294</b>     | <b>695,294</b>       |
| <b>Total, Directed stockpile work .....</b>                              | <b>3,977,026</b>   | <b>3,997,926</b>     |
| <b>Research, development, test evaluation (RDT&amp;E)</b>                |                    |                      |
| <b>Science</b>   |                    |                      |
| Advanced certification .....   | 57,710             | 57,710               |
| Primary assessment technologies .....                                    | 89,313             | 89,313               |

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

| <b>Program</b>   | <b>FY 2018<br/>Request</b> | <b>Senate<br/>Authorized</b> |
|--|----------------------------|------------------------------|
| <i>Dynamic materials properties</i> .....                            | 122,347                    | 122,347                      |
| <i>Advanced radiography</i> .....                                    | 37,600                     | 37,600                       |
| <i>Secondary assessment technologies</i> .....                       | 76,833                     | 76,833                       |
| <i>Academic alliances and partnerships</i> .....                     | 52,963                     | 52,963                       |
| <i>Enhanced Capabilities for Subcritical Experiments</i> .....       | 50,755                     | 65,755                       |
| <i>Radiography project completion</i> .....                          |                            | [15,000]                     |
| <b>Total, Science</b> .....  | <b>487,521</b>             | <b>502,521</b>               |
| <b>Engineering</b>   |                            |                              |
| <i>Enhanced surety</i> .....   | 39,717                     | 52,017                       |
| <i>Program increase for technology maturation</i> .....              |                            | [12,300]                     |
| <i>Weapon systems engineering assessment technology</i> .....        | 23,029                     | 23,029                       |
| <i>Nuclear survivability</i> .....                                   | 45,230                     | 45,230                       |
| <i>Enhanced surveillance</i> .....                                   | 45,147                     | 45,147                       |
| <i>Stockpile Responsiveness</i> .....                                | 40,000                     | 50,000                       |
| <i>Program increase</i> .....  |                            | [10,000]                     |
| <b>Total, Engineering</b> .....                                      | <b>193,123</b>             | <b>215,423</b>               |
| <b>Inertial confinement fusion ignition and high yield</b>           |                            |                              |
| <i>Ignition</i> .....  | 79,575                     | 79,575                       |
| <i>Support of other stockpile programs</i> .....                     | 23,565                     | 23,565                       |
| <i>Diagnostics, cryogenics and experimental support</i> .....        | 77,915                     | 77,915                       |
| <i>Pulsed power inertial confinement fusion</i> .....                | 7,596                      | 7,596                        |
| <i>Joint program in high energy density laboratory plasmas</i> ..... | 9,492                      | 9,492                        |
| <i>Facility operations and target production</i> .....               | 334,791                    | 346,791                      |
| <i>Support increased shot rates</i> .....                            |                            | [12,000]                     |
| <b>Total, Inertial confinement fusion and high yield</b> .....       | <b>532,934</b>             | <b>544,934</b>               |
| <b>Advanced simulation and computing</b>                             |                            |                              |
| <i>Advanced simulation and computing</i> .....                       | 709,244                    | 709,244                      |
| <b>Construction:</b>   |                            |                              |
| 18-D-670, Exascale Class Computer Cooling Equipment, LNL ..          | 22,000                     | 22,000                       |
| 18-D-620, Exascale Computing Facility Modernization Project          | 3,000                      | 3,000                        |
| <b>Total, Construction</b> .....                                     | <b>25,000</b>              | <b>25,000</b>                |
| <b>Total, Advanced simulation and computing</b> .....                | <b>734,244</b>             | <b>734,244</b>               |
| <b>Advanced manufacturing development</b>                            |                            |                              |
| <i>Additive manufacturing</i> .....                                  | 12,000                     | 24,000                       |
| <i>Program increase for research and infrastructure</i> .....        |                            | [12,000]                     |
| <i>Component manufacturing development</i> .....                     | 38,644                     | 75,044                       |
| <i>Improve production efficiency</i> .....                           |                            | [36,400]                     |
| <i>Process technology development</i> .....                          | 29,896                     | 29,896                       |
| <b>Total, Advanced manufacturing development</b> .....               | <b>80,540</b>              | <b>128,940</b>               |
| <b>Total, RDT&amp;E</b> .....  | <b>2,028,362</b>           | <b>2,126,062</b>             |
| <b>Infrastructure and operations</b>                                 |                            |                              |
| <b>Operating</b>   |                            |                              |
| <b>Operations of facilities</b>                                      |                            |                              |
| <i>Operations of facilities</i> .....                                | 868,000                    | 868,000                      |
| <i>Kansas City National Security Campus</i> .....                    | 0                          | 0                            |
| <i>Lawrence Livermore National Laboratory</i> .....                  | 0                          | 0                            |
| <i>Los Alamos National Laboratory</i> .....                          | 0                          | 0                            |
| <i>Nevada National Security Site</i> .....                           | 0                          | 0                            |
| <i>Pantex</i> .....  | 0                          | 0                            |
| <i>Sandia National Laboratories</i> .....                            | 0                          | 0                            |
| <i>Savannah River Site</i> .....                                     | 0                          | 0                            |
| <i>Y-12 National security complex</i> .....                          | 0                          | 0                            |
| <b>Total, Operations of facilities</b> .....                         | <b>868,000</b>             | <b>868,000</b>               |
| <i>Safety and environmental operations</i> .....                     | 116,000                    | 116,000                      |
| <i>Maintenance and repair of facilities</i> .....                    | 360,000                    | 410,000                      |
| <i>Reduce deferred maintenance backlog</i> .....                     |                            | [50,000]                     |
| <i>Recapitalization</i> .....  | 427,342                    | 527,342                      |
| <i>Reduce deferred maintenance backlog</i> .....                     |                            | [100,000]                    |
| <b>Construction:</b>   |                            |                              |
| 18-D-660, Fire Station, Y-12 .....                                   | 28,000                     | 28,000                       |
| 18-D-650, Tritium Production Capability, SRS .....                   | 6,800                      | 6,800                        |
| 17-D-640, U1a Complex Enhancements Project, NNSS .....               | 22,100                     | 22,100                       |
| 17-D-630, Expand Electrical Distribution System, LLNL .....          | 6,000                      | 6,000                        |
| 17-D-136, PF-4 reconfiguration project, LANL .....                   | 0                          | 0                            |

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

| <b>Program</b>   | <b>FY 2018<br/>Request</b> | <b>Senate<br/>Authorized</b> |
|--|----------------------------|------------------------------|
| 17-D-125, RLOUB reconfiguration project, LANL .....                                      | 0                          | 0                            |
| 16-D-621 TA-3 substation replacement, LANL .....   | 0                          | 0                            |
| 16-D-515 Albuquerque complex project .....   | 98,000                     | 98,000                       |
| 15-D-613 Emergency Operations Center, Y-12 .....   | 7,000                      | 7,000                        |
| 15-D-302, TA-55 Reinvestment project, Phase 3, LANL .....                                | 0                          | 0                            |
| 11-D-801 TA-55 Reinvestment project Phase 2, LANL .....                                  | 0                          | 0                            |
| 07-D-220 Radioactive liquid waste treatment facility upgrade<br>project, LANL .....      | 2,100                      | 2,100                        |
| 07-D-220-04 Transuranic liquid waste facility, LANL .....                                | 17,895                     | 17,895                       |
| 06-D-141 Uranium processing facility Y-12, Oak Ridge, TN .....                           | 663,000                    | 663,000                      |
| <b>Chemistry and metallurgy replacement (CMRR)</b>                                       |                            |                              |
| 04-D-125 Chemistry and metallurgy research facility replace-<br>ment project, LANL ..... | 180,900                    | 180,900                      |
| 04-D-125-04 RLUOB equipment installation .....   | 0                          | 0                            |
| 04-D-125-05 PF-4 equipment installation .....  | 0                          | 0                            |
| <b>Total, Chemistry and metallurgy replacement (CMRR) .....</b>                          | <b>180,900</b>             | <b>180,900</b>               |
| <b>Total, Construction .....</b>   | <b>1,031,795</b>           | <b>1,031,795</b>             |
| <b>Total, Infrastructure and operations .....</b>  | <b>2,803,137</b>           | <b>2,953,137</b>             |
| <b>Secure transportation asset</b>   |                            |                              |
| Operations and equipment .....   | 219,464                    | 219,464                      |
| Program direction .....  | 105,600                    | 105,600                      |
| <b>Total, Secure transportation asset .....</b>  | <b>325,064</b>             | <b>325,064</b>               |
| <b>Defense nuclear security</b>  |                            |                              |
| Operations and maintenance .....   | 686,977                    | 691,977                      |
| Reduce deferred maintenance backlog .....  |                            | [5,000]                      |
| Security improvements program .....  | 0                          | 0                            |
| <b>Construction:</b>   |                            |                              |
| 17-D-710 West end protected area reduction project, Y-12 .....                           | 0                          | 0                            |
| 14-D-710 Device assembly facility argus installation project, NNSS,<br>NV .....          | 0                          | 0                            |
| <b>Total, Defense nuclear security .....</b>   | <b>686,977</b>             | <b>691,977</b>               |
| Information technology and cybersecurity .....   | 186,728                    | 186,728                      |
| Legacy contractor pensions .....   | 232,050                    | 232,050                      |
| <b>Subtotal, Weapons activities .....</b>  | <b>10,239,344</b>          | <b>10,512,944</b>            |
| <b>Adjustments</b>   |                            |                              |
| Use of prior year balances .....   | 0                          | 0                            |
| <b>Subtotal, Weapons activities .....</b>  | <b>10,239,344</b>          | <b>10,512,944</b>            |
| <b>Rescission</b>  |                            |                              |
| Rescission of prior year balances .....  | 0                          | 0                            |
| <b>Total, Weapons Activities .....</b>   | <b>10,239,344</b>          | <b>10,512,944</b>            |
| <b>Defense Nuclear Nonproliferation</b>  |                            |                              |
| <b>Defense Nuclear Nonproliferation Programs</b>   |                            |                              |
| <b>Global material security</b>  |                            |                              |
| International nuclear security .....   | 46,339                     | 66,339                       |
| Enhanced nuclear security .....  |                            | [20,000]                     |
| Radiological security .....  | 146,340                    | 166,340                      |
| Protection and safe disposal of radioactive sources .....                                |                            | [20,000]                     |
| Domestic radiologic security .....   | 0                          | 0                            |
| International radiologic security .....  | 0                          | 0                            |
| Nuclear smuggling detection .....  | 144,429                    | 204,429                      |
| Radiation detection .....  |                            | [60,000]                     |
| <b>Total, Global material security .....</b>   | <b>337,108</b>             | <b>437,108</b>               |
| <b>Material management and minimization</b>  |                            |                              |
| HEU reactor conversion .....   | 125,500                    | 125,500                      |
| Nuclear material removal .....   | 32,925                     | 32,925                       |
| Material disposition .....   | 173,669                    | 173,669                      |
| <b>Total, Material management &amp; minimization .....</b>                               | <b>332,094</b>             | <b>332,094</b>               |
| Nonproliferation and arms control .....  | 129,703                    | 200,000                      |
| Verification .....   |                            | [70,297]                     |
| Defense nuclear nonproliferation R&D .....   | 446,095                    | 446,095                      |

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
(In Thousands of Dollars)

| <b>Program</b>  | <b>FY 2018<br/>Request</b> | <b>Senate<br/>Authorized</b> |
|---|----------------------------|------------------------------|
| <b>Nonproliferation construction</b>                                    |                            |                              |
| <b>U. S. Construction:</b>  |                            |                              |
| 18-D-150 Surplus Plutonium Disposition Project .....                    | 9,000                      | 9,000                        |
| 99-D-143 Mixed Oxide (MOX) Fuel Fabrication Facility, SRS .....         | 270,000                    | 350,000                      |
| Increase to continue construction of MOX .....                          |                            | [80,000]                     |
| <b>Total, Nonproliferation construction</b> .....                       | <b>279,000</b>             | <b>359,000</b>               |
| <b>Total, Defense Nuclear Nonproliferation Programs</b> .....           | <b>1,524,000</b>           | <b>1,774,297</b>             |
| Legacy contractor pensions .....  | 40,950                     | 40,950                       |
| Nuclear counterterrorism and incident response program .....            | 277,360                    | 277,360                      |
| <b>Subtotal, Defense Nuclear Nonproliferation</b> .....                 | <b>1,842,310</b>           | <b>2,092,607</b>             |
| <b>Adjustments</b>  |                            |                              |
| Use of prior year balances .....  | 0                          | 0                            |
| <b>Subtotal, Defense Nuclear Nonproliferation</b> .....                 | <b>1,842,310</b>           | <b>2,092,607</b>             |
| Rescission .....  |                            | 0                            |
| Rescission of prior year balances .....                                 | -49,000                    | -49,000                      |
| <b>Total, Defense Nuclear Nonproliferation</b> .....                    | <b>1,793,310</b>           | <b>2,043,607</b>             |
| <b>Naval Reactors</b>   |                            |                              |
| Naval reactors development .....  | 473,267                    | 473,267                      |
| Ohio replacement reactor systems development .....                      | 0                          | 0                            |
| Columbia-Class reactor systems development .....                        | 156,700                    | 156,700                      |
| SSG Prototype refueling .....   | 190,000                    | 190,000                      |
| Naval reactors operations and infrastructure .....                      | 466,884                    | 504,884                      |
| Reduce deferred maintenance backlog .....                               |                            | [38,000]                     |
| Construction: .....   |                            | 0                            |
| 17-D-911, BL Fire System Upgrade .....                                  | 0                          | 0                            |
| 15-D-904 NRF Overpack Storage Expansion 3 .....                         | 13,700                     | 13,700                       |
| 15-D-903 KL Fire System Upgrade .....                                   | 15,000                     | 15,000                       |
| 15-D-902 KS Engineroom team trainer facility .....                      | 0                          | 0                            |
| 14-D-902 KL Materials characterization laboratory expansion, KAPL ..... | 0                          | 0                            |
| 14-D-901 Spent fuel handling recapitalization project, NRF .....        | 116,000                    | 116,000                      |
| 10-D-903, Security upgrades, KS .....                                   | 0                          | 0                            |
| <b>Total, Construction</b> .....  | <b>144,700</b>             | <b>144,700</b>               |
| Program direction .....   | 48,200                     | 48,200                       |
| <b>Subtotal, Naval Reactors</b> .....                                   | <b>1,479,751</b>           | <b>1,517,751</b>             |
| <b>Rescission</b>   |                            |                              |
| Rescission of prior year balances .....                                 | 0                          | 0                            |
| <b>Total, Naval Reactors</b> .....                                      | <b>1,479,751</b>           | <b>1,517,751</b>             |
| <b>Federal Salaries and Expenses</b>                                    |                            |                              |
| Program direction .....   | 418,595                    | 418,595                      |
| Rescission .....  | 0                          | 0                            |
| <b>Total, Federal Salaries and Expenses</b> .....                       | <b>418,595</b>             | <b>418,595</b>               |
| <b>Defense Environmental Cleanup</b>                                    |                            |                              |
| <b>Closure sites:</b>   |                            |                              |
| Closure sites administration .....                                      | 4,889                      | 4,889                        |
| <b>Hanford site:</b>  |                            |                              |
| <b>River corridor and other cleanup operations:</b>                     |                            |                              |
| River corridor and other cleanup operations .....                       | 58,692                     | 58,692                       |
| <b>Central plateau remediation:</b>                                     |                            |                              |
| Central plateau remediation .....                                       | 637,879                    | 637,879                      |
| Richland community and regulatory support .....                         | 5,121                      | 5,121                        |
| <b>Construction</b>   |                            |                              |
| 18-D-404 WESF Modifications and Capsule Storage .....                   | 6,500                      | 6,500                        |
| 15-D-401 Containerized sludge removal annex, RL .....                   | 8,000                      | 8,000                        |
| <b>Total, Construction</b> .....  | <b>14,500</b>              | <b>14,500</b>                |
| <b>Total, Hanford site</b> .....  | <b>716,192</b>             | <b>716,192</b>               |
| <b>Idaho National Laboratory:</b>                                       |                            |                              |
| SNF stabilization and disposition—2012 .....                            | 19,975                     | 19,975                       |
| Solid waste stabilization and disposition .....                         | 170,101                    | 170,101                      |

**SEC. 4701. DEPARTMENT OF ENERGY NATIONAL SECURITY PROGRAMS**  
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| <b>Program</b>  | <b>FY 2018<br/>Request</b> | <b>Senate<br/>Authorized</b> |
|---|----------------------------|------------------------------|
| Radioactive liquid tank waste stabilization and disposition ..... | 111,352                    | 111,352                      |
| Soil and water remediation—2035 .....                             | 44,727                     | 44,727                       |
| Idaho community and regulatory support .....                      | 4,071                      | 4,071                        |
| <b>Total, Idaho National Laboratory .....</b>                     | <b>350,226</b>             | <b>350,226</b>               |
| <b>NNSA sites and Nevada off-sites</b>                            |                            |                              |
| Lawrence Livermore National Laboratory .....                      | 1,175                      | 1,175                        |
| Nuclear facility D&D Separations Process Research Unit .....      | 1,800                      | 1,800                        |
| Nevada .....  | 60,136                     | 60,136                       |
| Sandia National Laboratories .....                                | 2,600                      | 2,600                        |
| Los Alamos National Laboratory .....                              | 191,629                    | 191,629                      |
| <b>Total, NNSA sites and Nevada off-sites .....</b>               | <b>257,340</b>             | <b>257,340</b>               |
| <b>Oak Ridge Reservation:</b>                                     |                            |                              |
| <b>OR Nuclear facility D &amp; D</b>                              |                            |                              |
| OR-0041—D&D - Y-12 .....  | 29,369                     | 29,369                       |
| OR-0042—D&D -ORNL .....   | 48,110                     | 48,110                       |
| <b>Construction</b>   |                            |                              |
| 17-D-401 On-site waste disposal facility .....                    | 5,000                      | 5,000                        |
| 14-D-403 Outfall 200 Mercury Treatment Facility .....             | 17,100                     | 17,100                       |
| <b>Total, OR Nuclear facility D &amp; D .....</b>                 | <b>99,579</b>              | <b>99,579</b>                |
| U233 Disposition Program .....                                    | 33,784                     | 33,784                       |
| <b>OR cleanup and disposition</b>                                 |                            |                              |
| OR cleanup and disposition .....                                  | 66,632                     | 66,632                       |
| OR community & regulatory support .....                           | 4,605                      | 4,605                        |
| <b>Solid waste stabilization and disposition</b>                  |                            |                              |
| Oak Ridge technology development .....                            | 3,000                      | 3,000                        |
| <b>Total, Oak Ridge Reservation .....</b>                         | <b>207,600</b>             | <b>207,600</b>               |
| <b>Office of River Protection:</b>                                |                            |                              |
| <b>Waste treatment and immobilization plant</b>                   |                            |                              |
| <b>Construction:</b>  |                            |                              |
| 01-D-416 A-D WTP Subprojects A-D .....                            | 655,000                    | 655,000                      |
| 01-D-416 E—Pretreatment Facility .....                            | 35,000                     | 35,000                       |
| <b>Total, 01-D-416 Construction .....</b>                         | <b>690,000</b>             | <b>690,000</b>               |
| WTP Commissioning .....   | 8,000                      | 8,000                        |
| <b>Total, Waste treatment &amp; immobilization plant .....</b>    | <b>698,000</b>             | <b>698,000</b>               |
| <b>Tank farm activities</b>                                       |                            |                              |
| Rad liquid tank waste stabilization and disposition .....         | 713,311                    | 713,311                      |
| <b>Construction:</b>  |                            |                              |
| 15-D-409 Low activity waste pretreatment system, ORP .....        | 93,000                     | 93,000                       |
| <b>Total, Tank farm activities .....</b>                          | <b>806,311</b>             | <b>806,311</b>               |
| <b>Total, Office of River protection .....</b>                    | <b>1,504,311</b>           | <b>1,504,311</b>             |
| <b>Savannah River Sites:</b>                                      |                            |                              |
| <b>Savannah River risk management operations:</b>                 |                            |                              |
| Nuclear material stabilization and disposition .....              | 0                          | 0                            |
| SNF stabilization and disposition .....                           | 0                          | 0                            |
| Soil and water remediation—2035 .....                             | 0                          | 0                            |
| Solid waste stabilization and disposition .....                   | 0                          | 0                            |
| <b>Total, Savannah River risk management operations .....</b>     | <b>0</b>                   | <b>0</b>                     |
| <b>Nuclear Material Management</b>                                |                            |                              |
| Nuclear Material Management .....                                 | 323,482                    | 323,482                      |
| <b>Environmental Cleanup</b>                                      |                            |                              |
| Environmental Cleanup .....                                       | 159,478                    | 159,478                      |
| <b>Construction:</b>  |                            |                              |
| 08-D-402, Emergency Operations Center .....                       | 500                        | 500                          |
| <b>Total, Environmental Cleanup .....</b>                         | <b>159,978</b>             | <b>159,978</b>               |
| SR community and regulatory support .....                         | 11,249                     | 11,249                       |
| <b>Radioactive liquid tank waste:</b>                             |                            |                              |
| Radioactive liquid tank waste stabilization and disposition ..... | 597,258                    | 597,258                      |
| <b>Construction:</b>  |                            |                              |

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| <b>Program</b>  | <b>FY 2018<br/>Request</b> | <b>Senate<br/>Authorized</b> |
|---|----------------------------|------------------------------|
| 18-D-401, SDU #8/9 .....  | 500                        | 500                          |
| 17-D-402—Saltstone Disposal Unit #7 .....                           | 40,000                     | 40,000                       |
| 15-D-402—Saltstone Disposal Unit #6, SR&S .....                     | 0                          | 0                            |
| 05-D-405 Salt waste processing facility, Savannah River Site ..     | 150,000                    | 150,000                      |
| <b>Total, Savannah River Site .....</b>                             | <b>1,282,467</b>           | <b>1,282,467</b>             |
| <b>Waste Isolation Pilot Plant</b>                                  |                            |                              |
| Operations and maintenance .....                                    | 206,617                    | 206,617                      |
| Recovery activities .....   | 0                          | 0                            |
| Central characterization project .....                              | 22,500                     | 22,500                       |
| Transportation .....  | 21,854                     | 21,854                       |
| <b>Construction:</b>  |                            |                              |
| 15-D-411 Safety significant confinement ventilation system, WIPP .. | 46,000                     | 46,000                       |
| 15-D-412 Exhaust shaft, WIPP .....                                  | 19,600                     | 19,600                       |
| <b>Total, Construction .....</b>                                    | <b>65,600</b>              | <b>65,600</b>                |
| <b>Total, Waste Isolation Pilot Plant .....</b>                     | <b>316,571</b>             | <b>316,571</b>               |
| Program direction .....   | 300,000                    | 300,000                      |
| Program support .....   | 6,979                      | 6,979                        |
| WCF Mission Related Activities .....                                | 22,109                     | 22,109                       |
| Minority Serving Institution Partnership .....                      | 6,000                      | 6,000                        |
| <b>Safeguards and Security:</b>                                     |                            |                              |
| Oak Ridge Reservation .....   | 16,500                     | 16,500                       |
| Paducah .....   | 14,049                     | 14,049                       |
| Portsmouth .....  | 12,713                     | 12,713                       |
| Richland/Hanford Site .....   | 75,600                     | 75,600                       |
| Savannah River Site .....   | 142,314                    | 142,314                      |
| Waste Isolation Pilot Project .....                                 | 5,200                      | 5,200                        |
| West Valley .....   | 2,784                      | 2,784                        |
| <b>Total, Safeguards and Security .....</b>                         | <b>269,160</b>             | <b>269,160</b>               |
| Cyber Security .....  | 43,342                     | 43,342                       |
| Technology development .....  | 25,000                     | 25,000                       |
| HQEF-0040—Excess Facilities .....                                   | 225,000                    | 225,000                      |
| CB-0101 Economic assistance to the state of NM .....                | 0                          | 0                            |
| <b>Subtotal, Defense environmental cleanup .....</b>                | <b>5,537,186</b>           | <b>5,537,186</b>             |
| <b>Rescission:</b>  |                            |                              |
| Rescission of prior year balances .....                             | 0                          | 0                            |
| <b>Total, Defense Environmental Cleanup .....</b>                   | <b>5,537,186</b>           | <b>5,537,186</b>             |
| <b>Other Defense Activities</b>                                     |                            |                              |
| <b>Environment, health, safety and security</b>                     |                            |                              |
| Environment, health, safety and security .....                      | 130,693                    | 130,693                      |
| Program direction .....   | 68,765                     | 68,765                       |
| <b>Total, Environment, Health, safety and security .....</b>        | <b>199,458</b>             | <b>199,458</b>               |
| <b>Independent enterprise assessments</b>                           |                            |                              |
| Independent enterprise assessments .....                            | 24,068                     | 24,068                       |
| Program direction .....   | 50,863                     | 50,863                       |
| <b>Total, Independent enterprise assessments .....</b>              | <b>74,931</b>              | <b>74,931</b>                |
| Specialized security activities .....                               | 237,912                    | 237,912                      |
| <b>Office of Legacy Management</b>                                  |                            |                              |
| Legacy management .....   | 137,674                    | 137,674                      |
| Program direction .....   | 16,932                     | 16,932                       |
| <b>Total, Office of Legacy Management .....</b>                     | <b>154,606</b>             | <b>154,606</b>               |
| <b>Defense related administrative support</b>                       |                            |                              |
| Chief financial officer .....                                       | 48,484                     | 48,484                       |
| Chief information officer .....                                     | 91,443                     | 91,443                       |
| Management .....  | 0                          | 0                            |
| Project management oversight and Assessments .....                  | 3,073                      | 3,073                        |
| <b>Total, Defense related administrative support .....</b>          | <b>143,000</b>             | <b>143,000</b>               |
| Office of hearings and appeals .....                                | 5,605                      | 5,605                        |
| <b>Subtotal, Other defense activities .....</b>                     | <b>815,512</b>             | <b>815,512</b>               |

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(In Thousands of Dollars)

| <i>Program</i>   | <i>FY 2018<br/>Request</i> | <i>Senate<br/>Authorized</i> |
|--|----------------------------|------------------------------|
| <b>Rescission:</b>   |                            |                              |
| <i>Rescission of prior year balances (LM) .....</i>        | <i>0</i>                   | <i>0</i>                     |
| <i>Rescission of prior year balances (EHS&amp;S) .....</i> | <i>0</i>                   | <i>0</i>                     |
| <i>Rescission of prior year balances (OHA) .....</i>       | <i>0</i>                   | <i>0</i>                     |
| <i>Rescission of prior year balances (SSA) .....</i>       | <i>0</i>                   | <i>0</i>                     |
| <i>Rescission of prior year balances (EA) .....</i>        | <i>0</i>                   | <i>0</i>                     |
| <i>Rescission of prior year balances (ESA) .....</i>       | <i>0</i>                   | <i>0</i>                     |
| <b>Total, Rescission .....</b>                             | <b>0</b>                   | <b>0</b>                     |
| <b>Total, Other Defense Activities .....</b>               | <b>815,512</b>             | <b>815,512</b>               |
| <br><b>Defense Nuclear Waste Disposal</b>                  |                            |                              |
| <i>Yucca mountain and interim storage .....</i>            | <i>30,000</i>              | <i>30,000</i>                |
| <br><b>Uranium Enrichment D&amp;D Fund</b>                 |                            |                              |
| <i>Uranium Enrichment D&amp;D Fund Contribution .....</i>  | <i>0</i>                   | <i>0</i>                     |



Calendar No. 165

115<sup>TH</sup> CONGRESS  
1<sup>ST</sup> Session

**S. 1519**

[Report No. 115-125]

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**A BILL**

To authorize appropriations for fiscal year 2018 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.

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JULY 10, 2017

Read twice and placed on the calendar